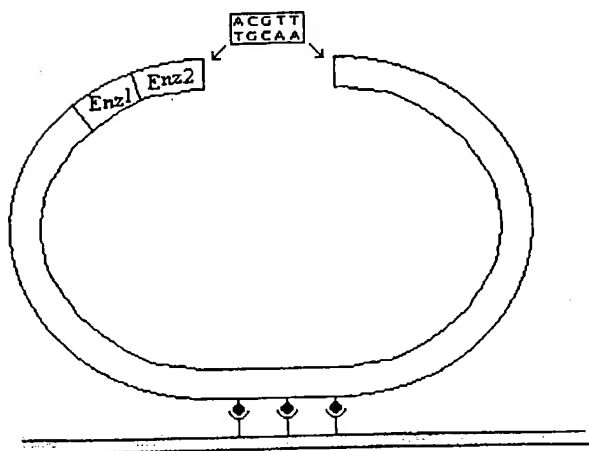


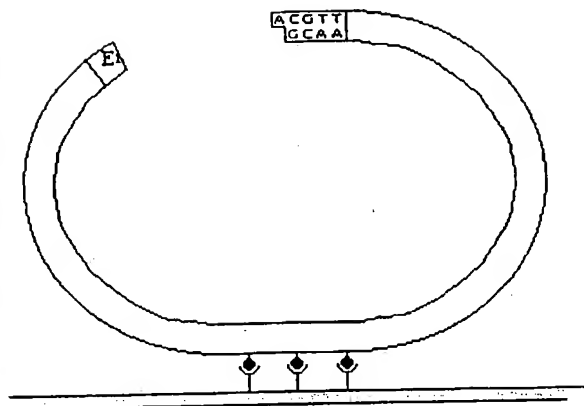
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FIG. 1

1) Ligate DNA pieces
with base vector

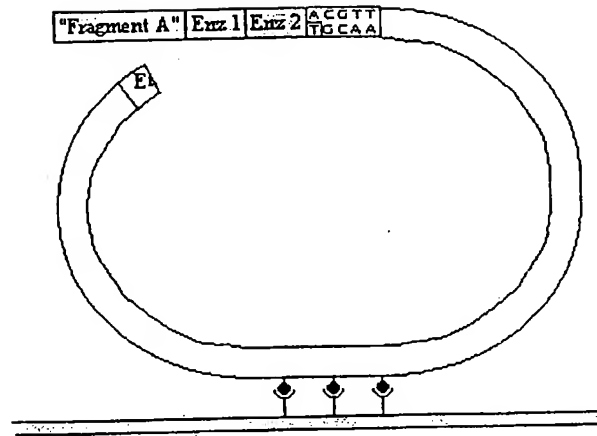


2) Generate overhangs
with Enz1 and Enz2



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3) Ligation with
DNA fragments



4) Blunt end
ligation

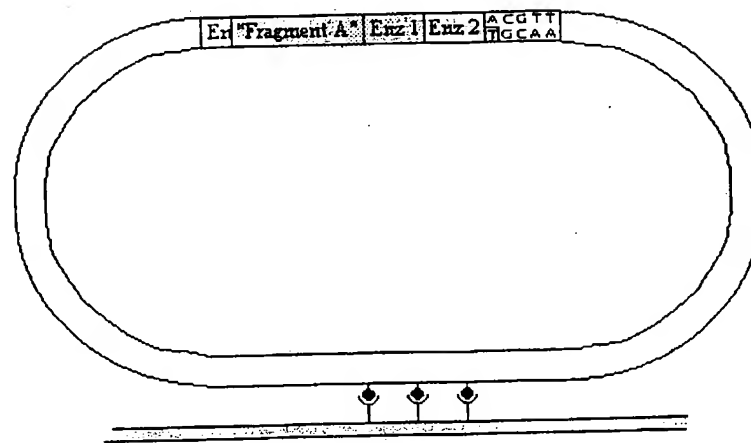


FIG. 1 CONT'D

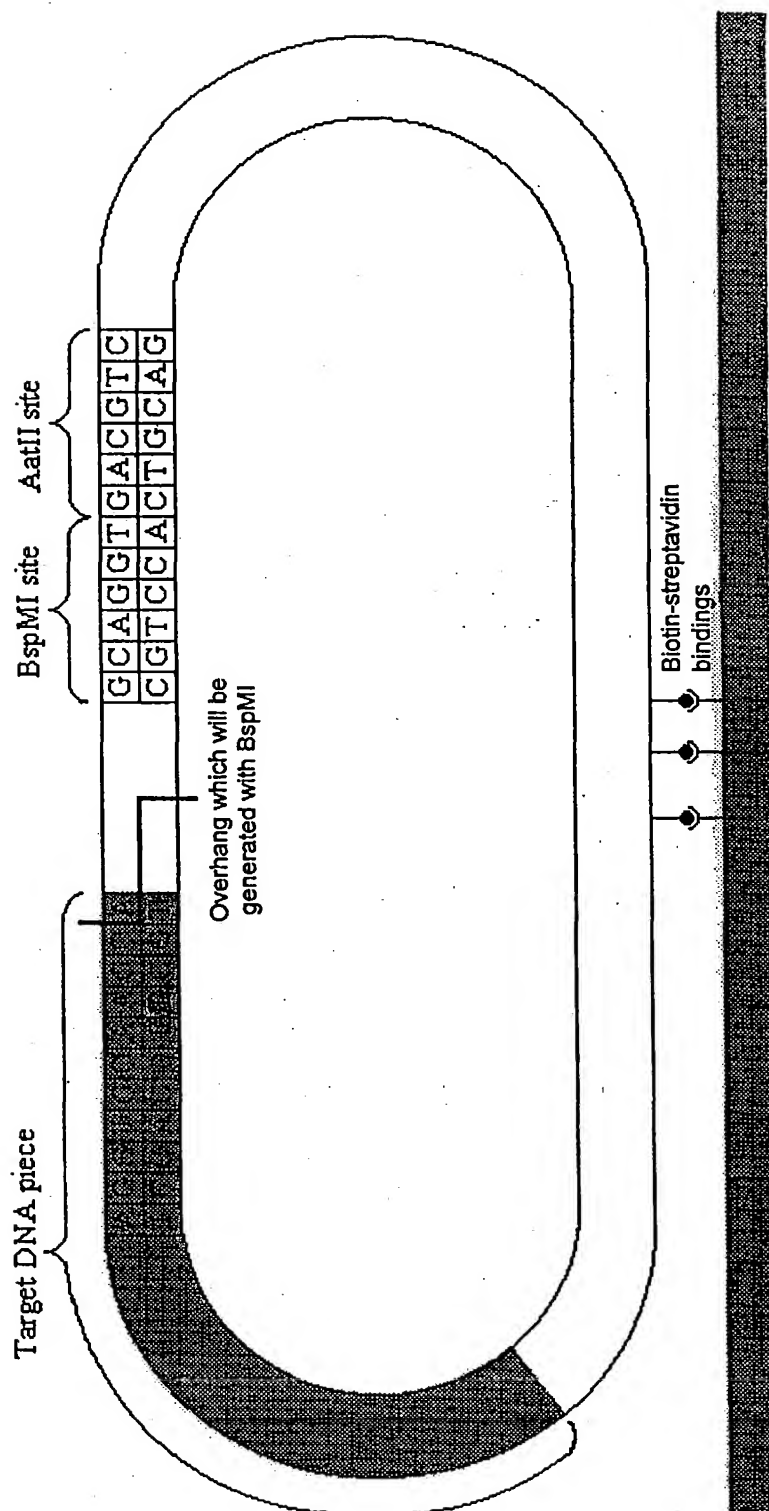


FIG. 2A

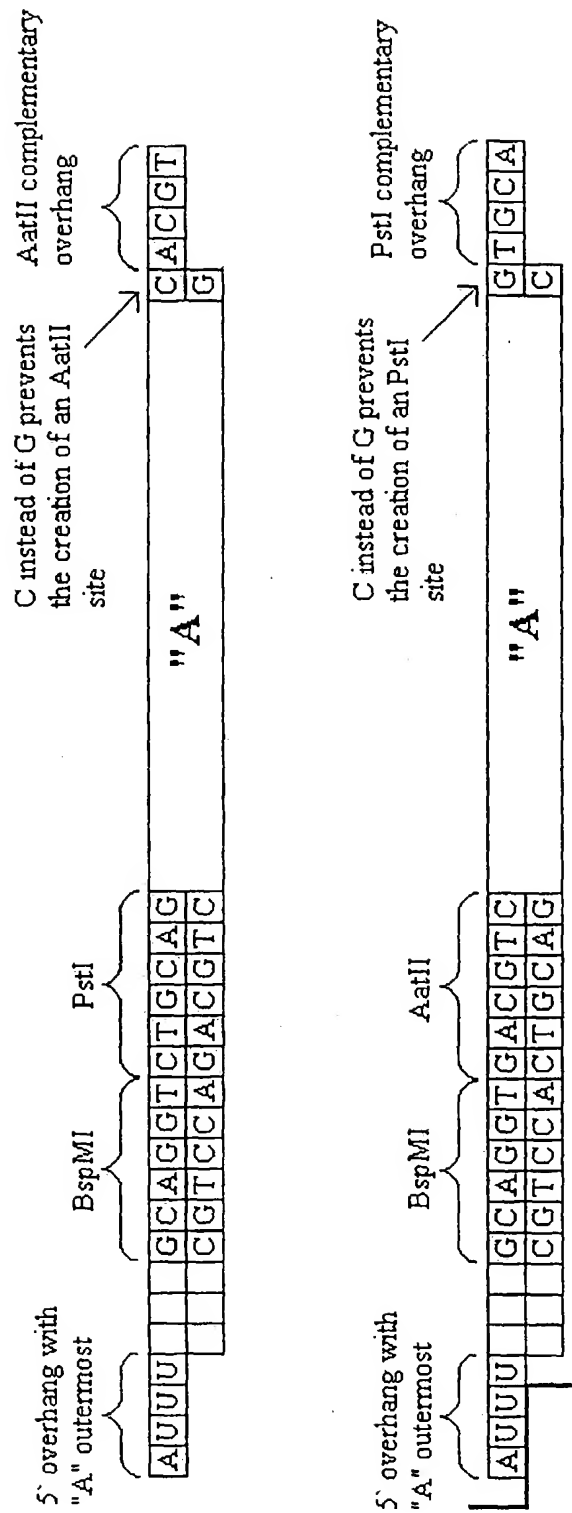
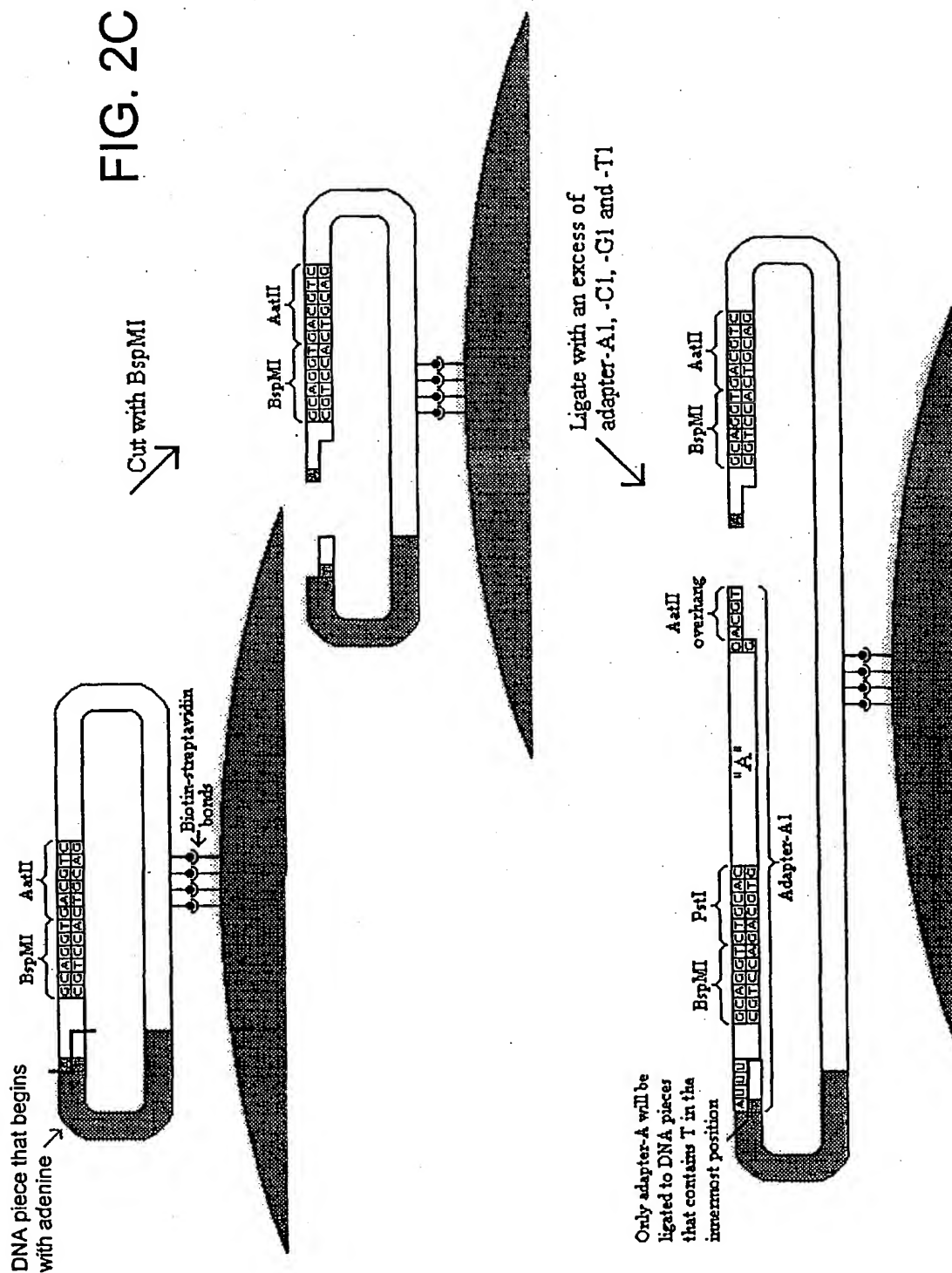


FIG. 2B



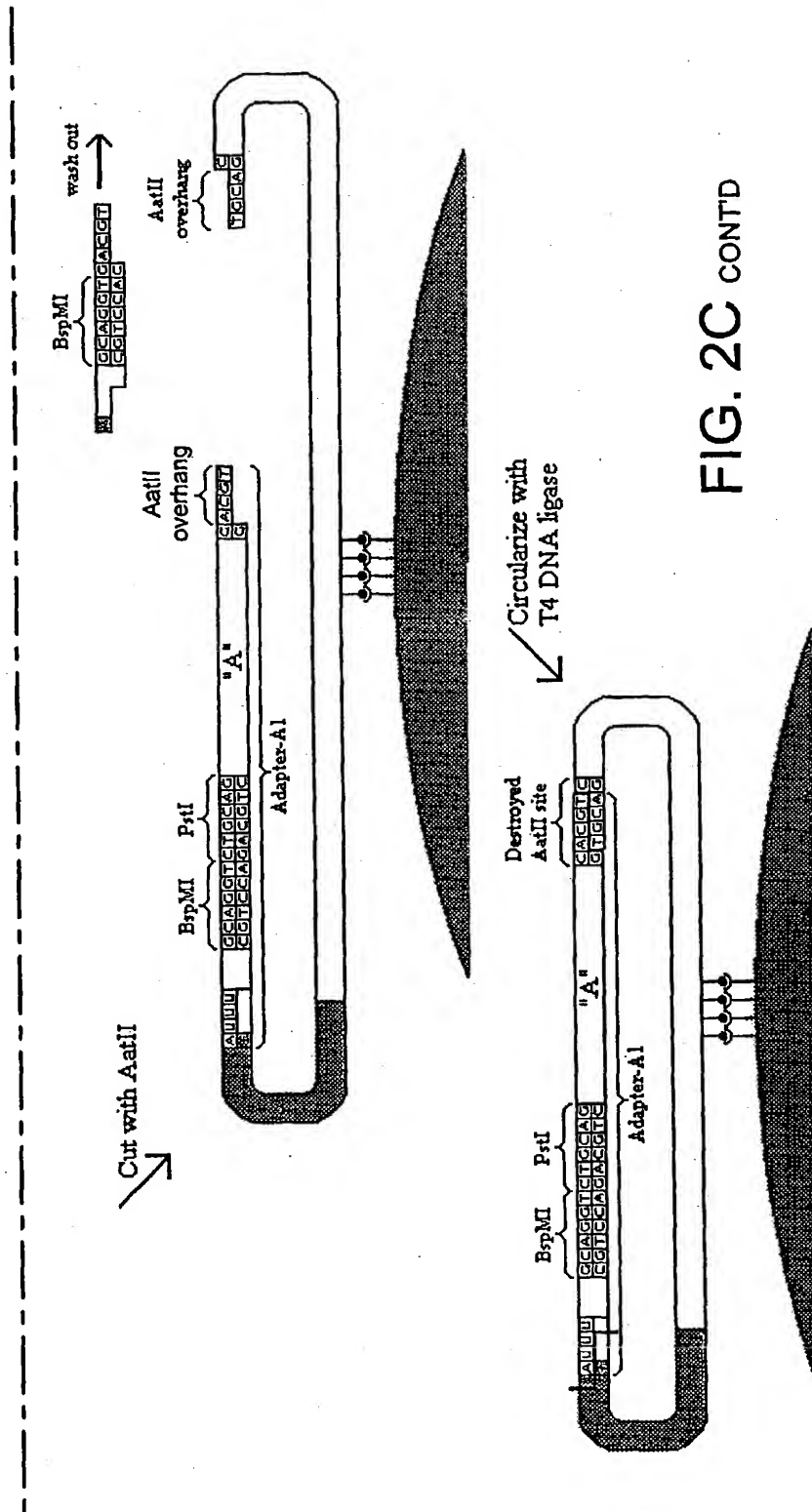


FIG. 2C CONTD

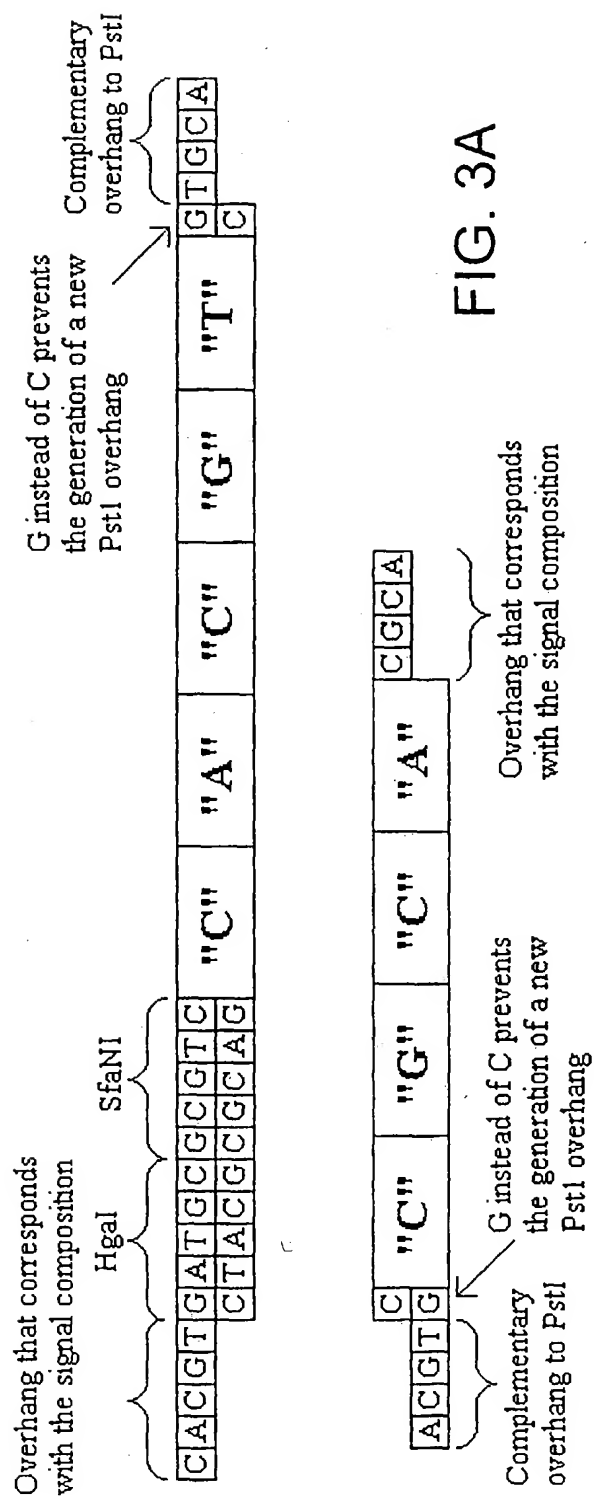


FIG. 3A

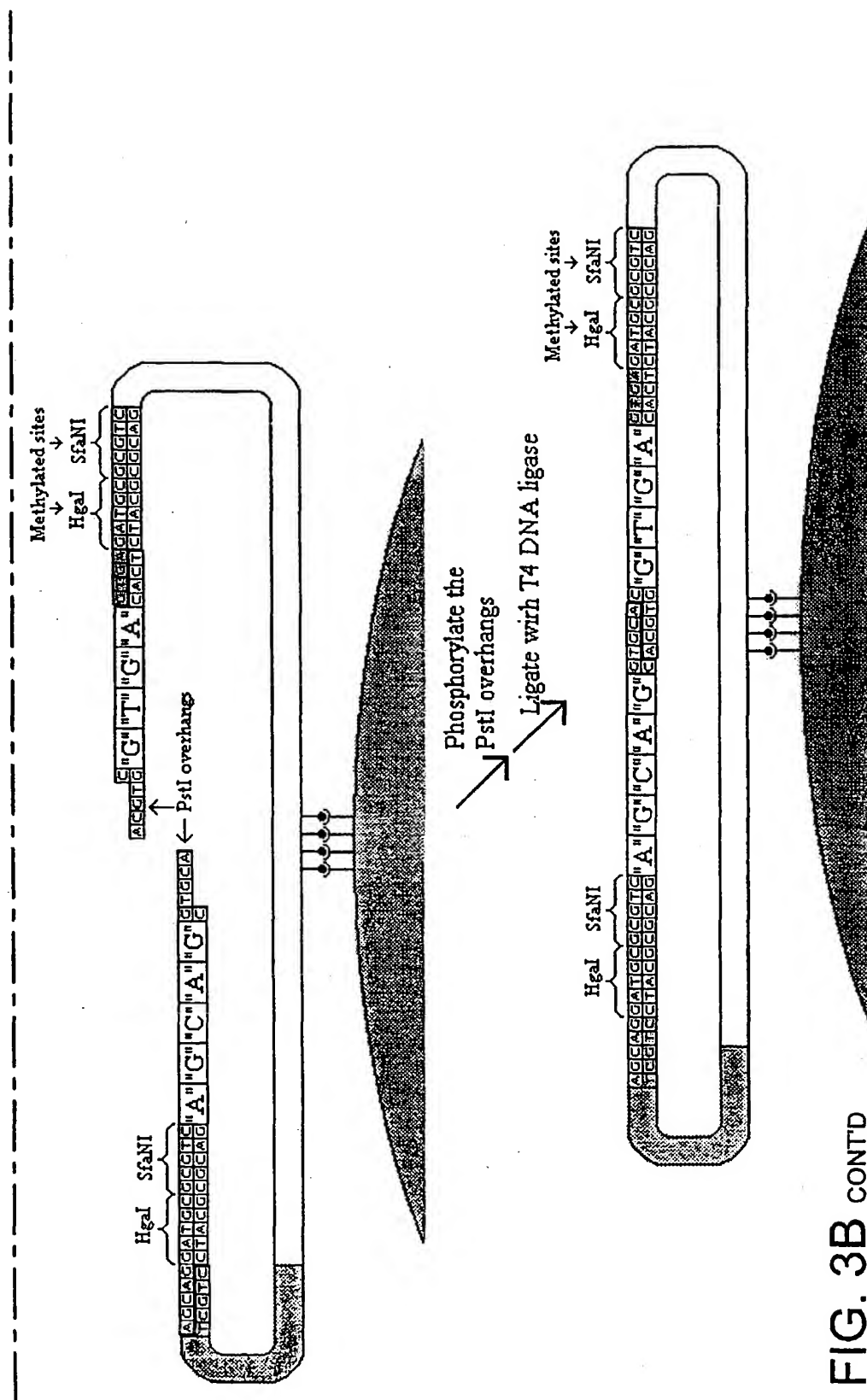


FIG. 3B CONT'D

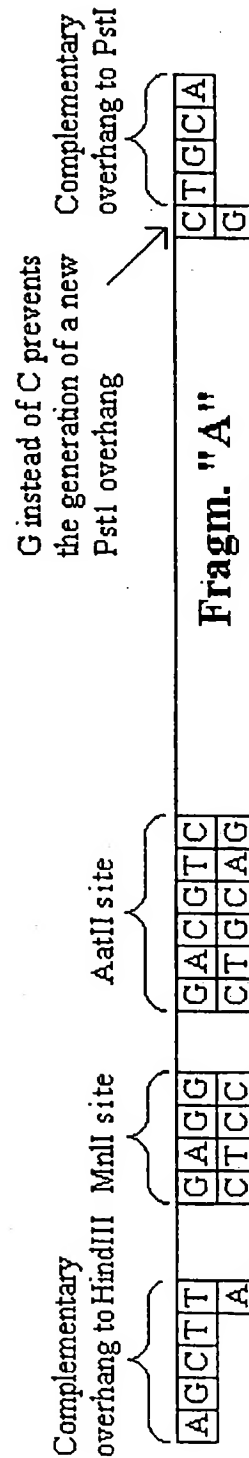
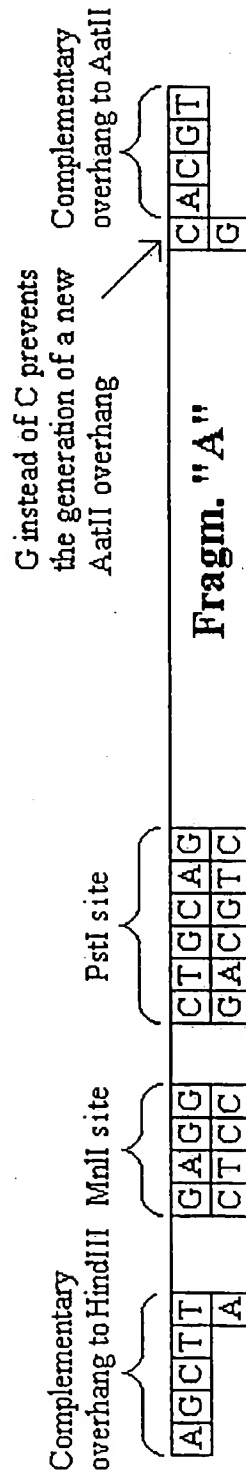
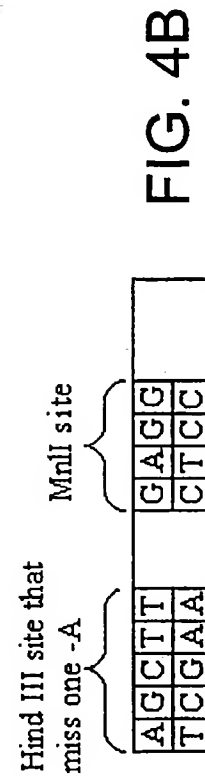


FIG. 4A



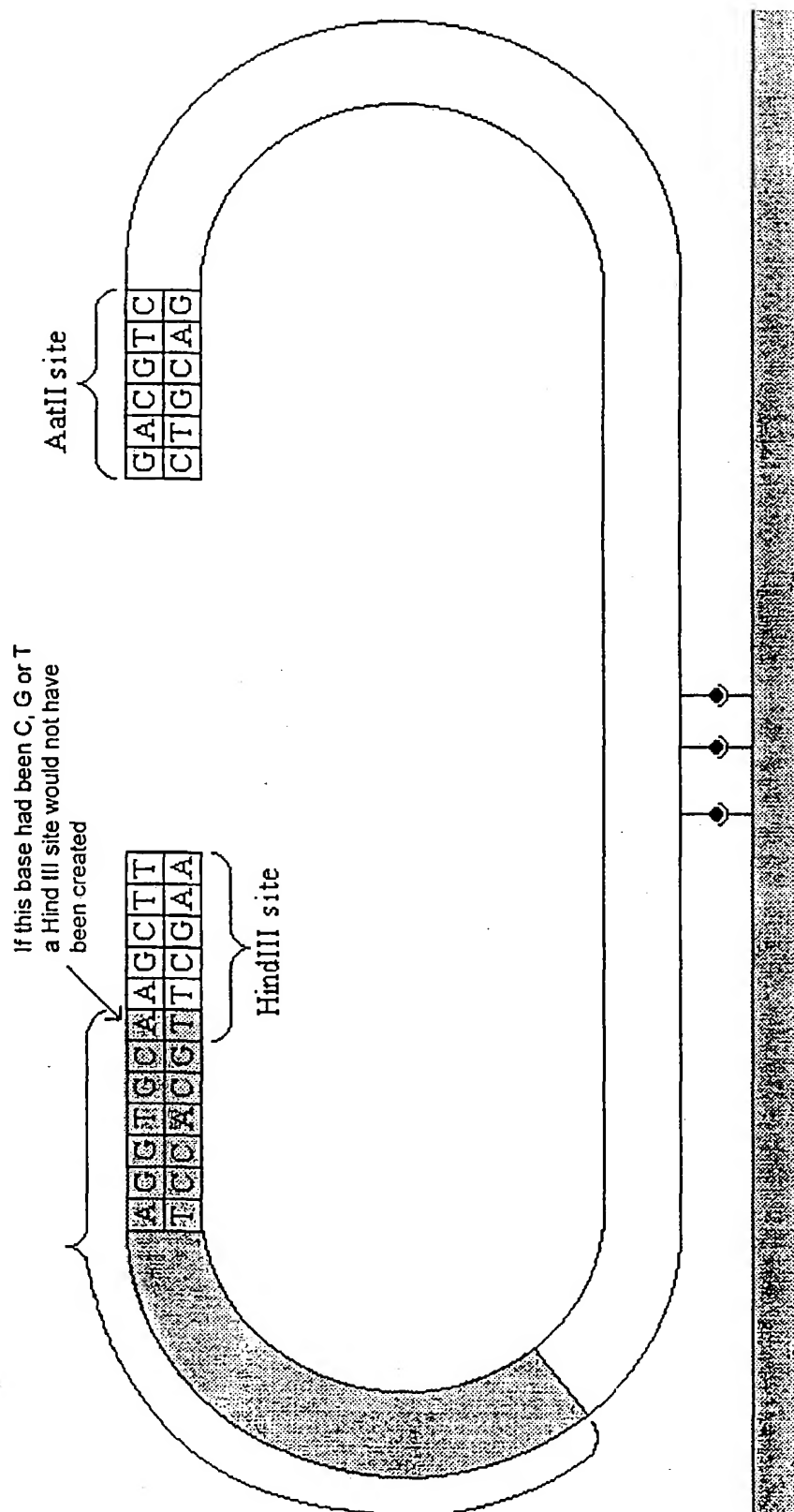
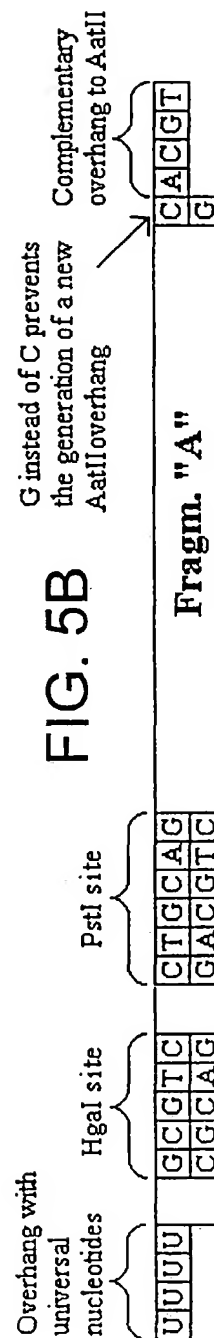
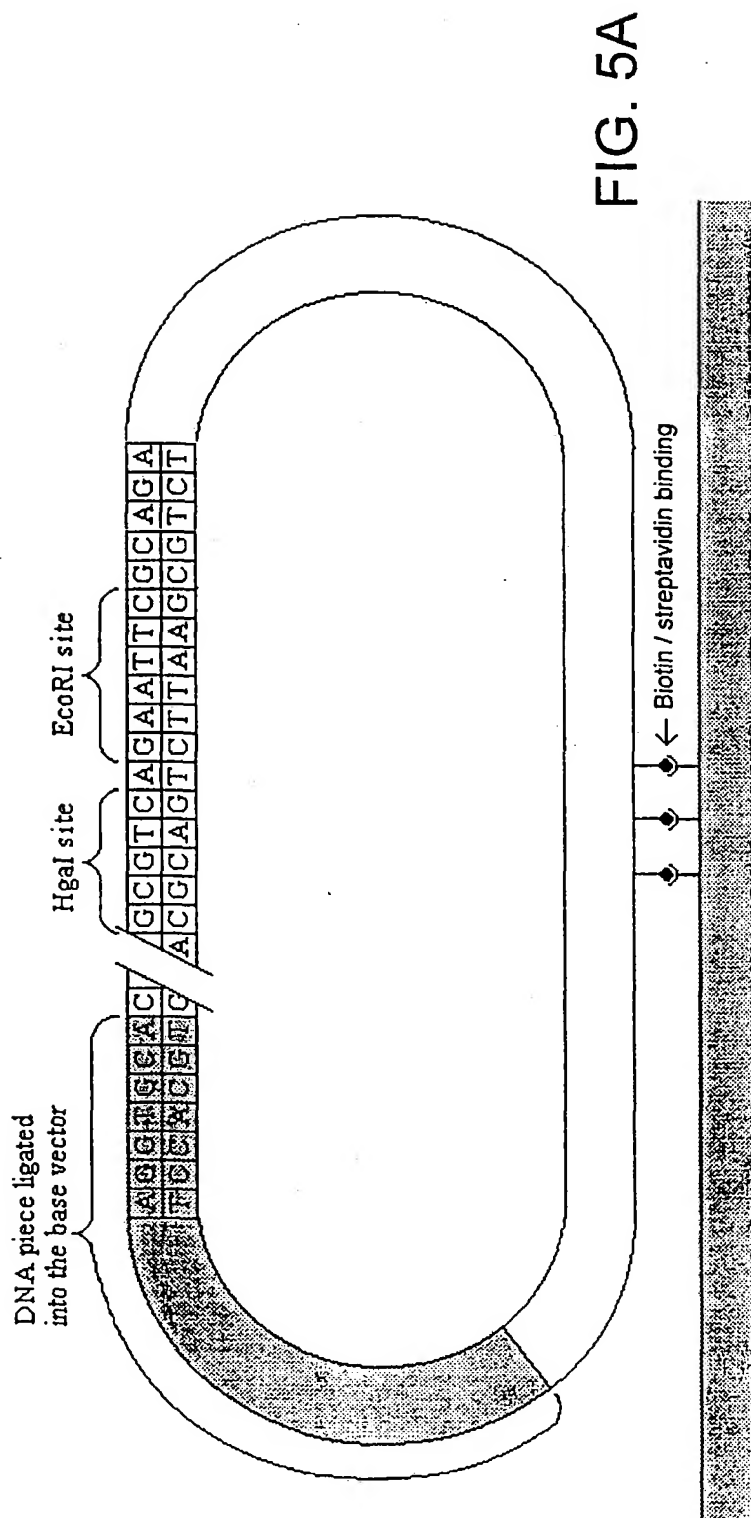


FIG. 4C



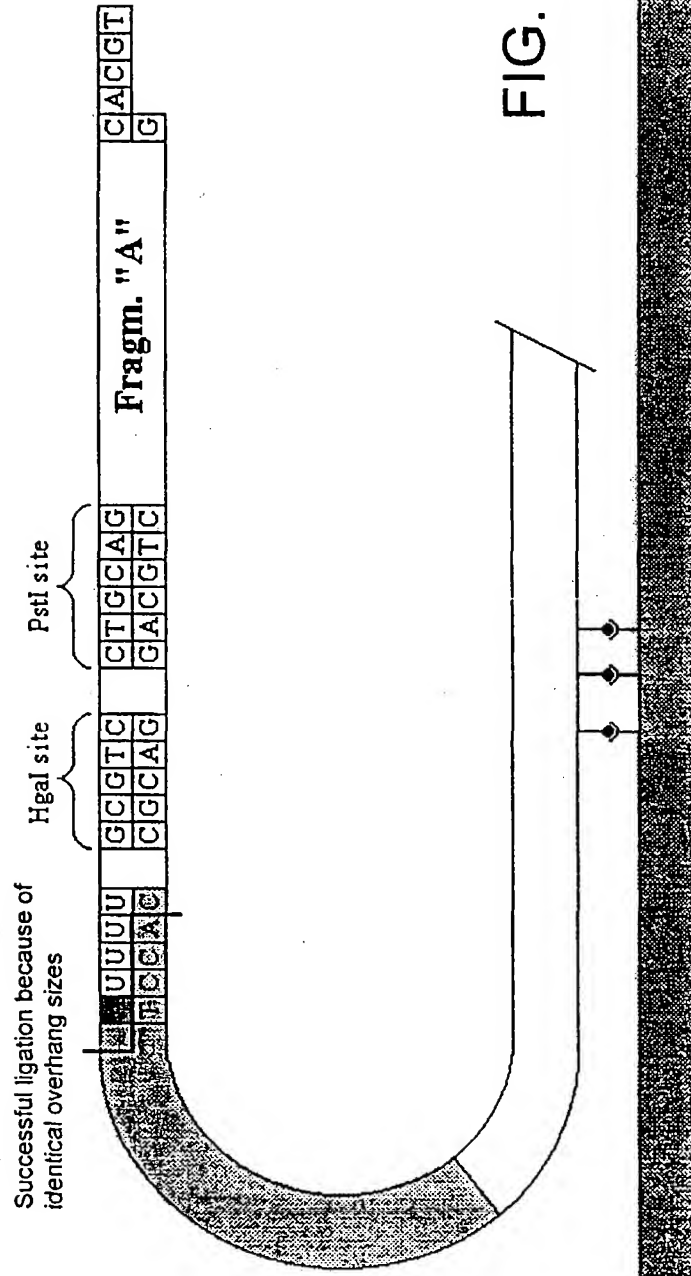
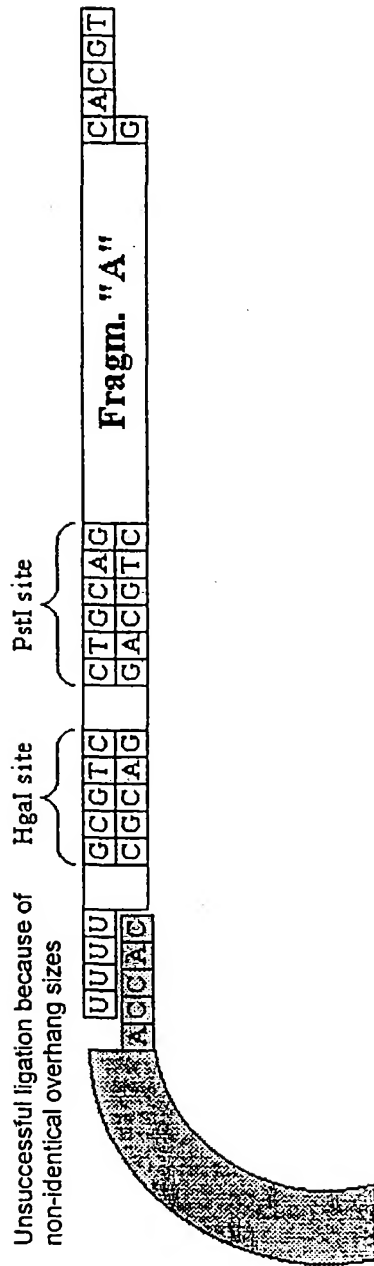
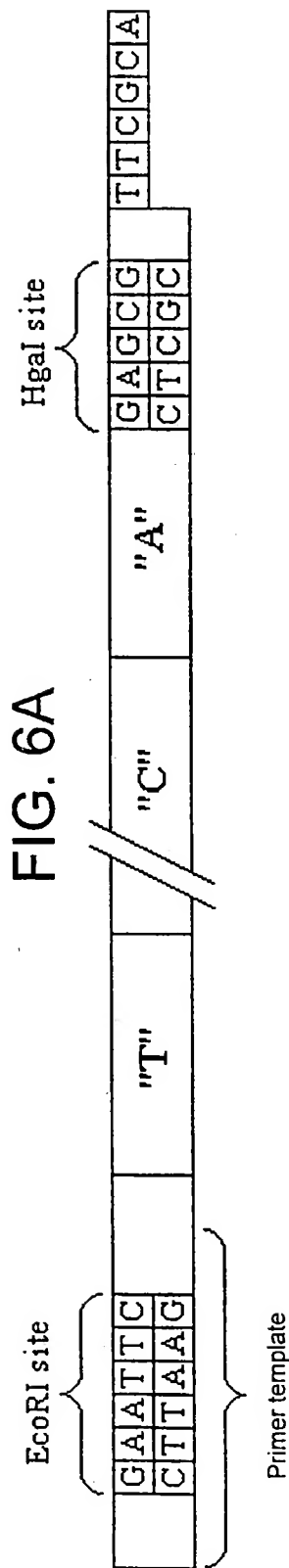


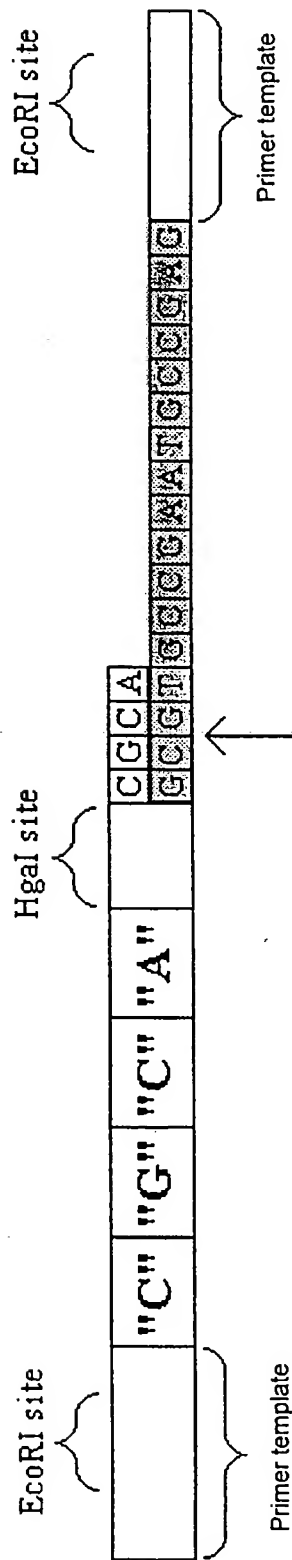
FIG. 5C



Primer-
template

DNA piece

Adapter



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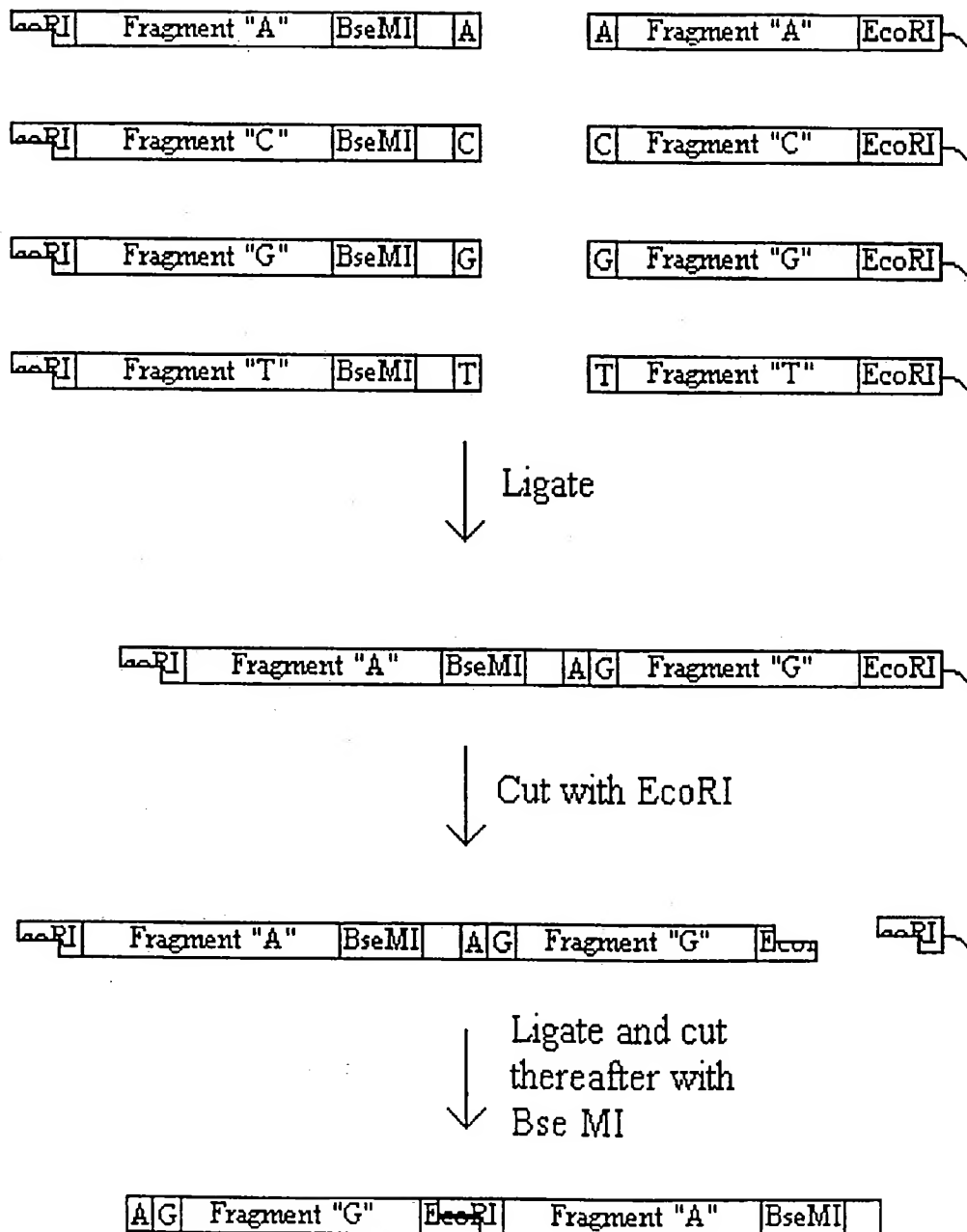


FIG. 8

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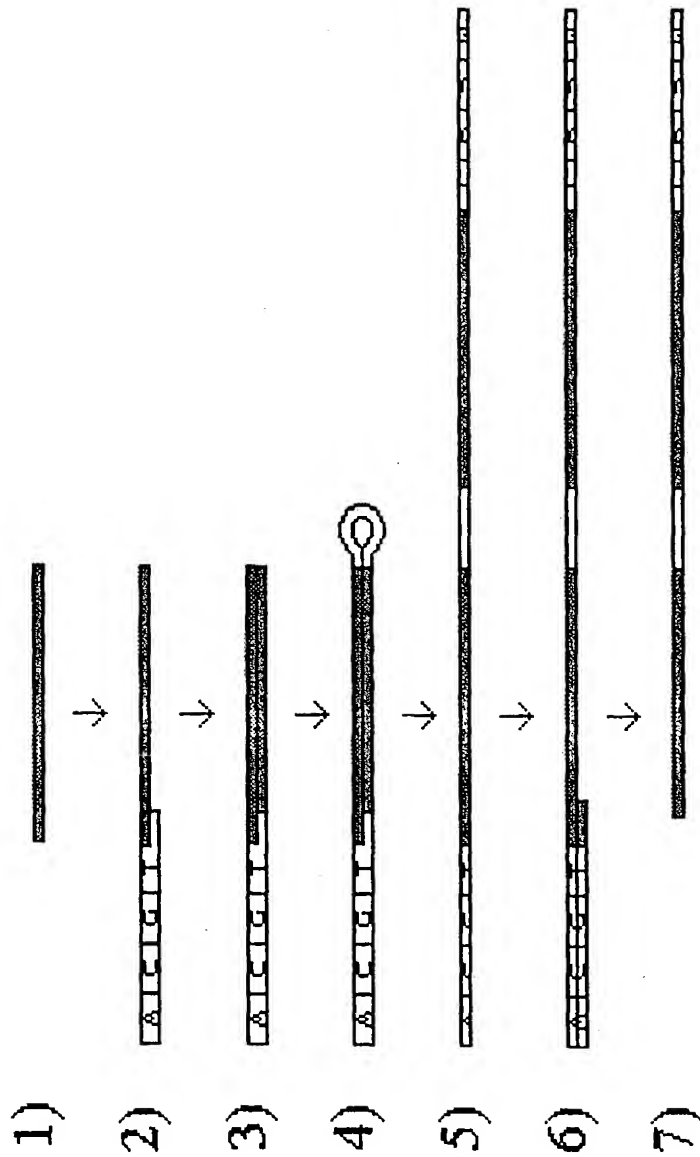


FIG. 9

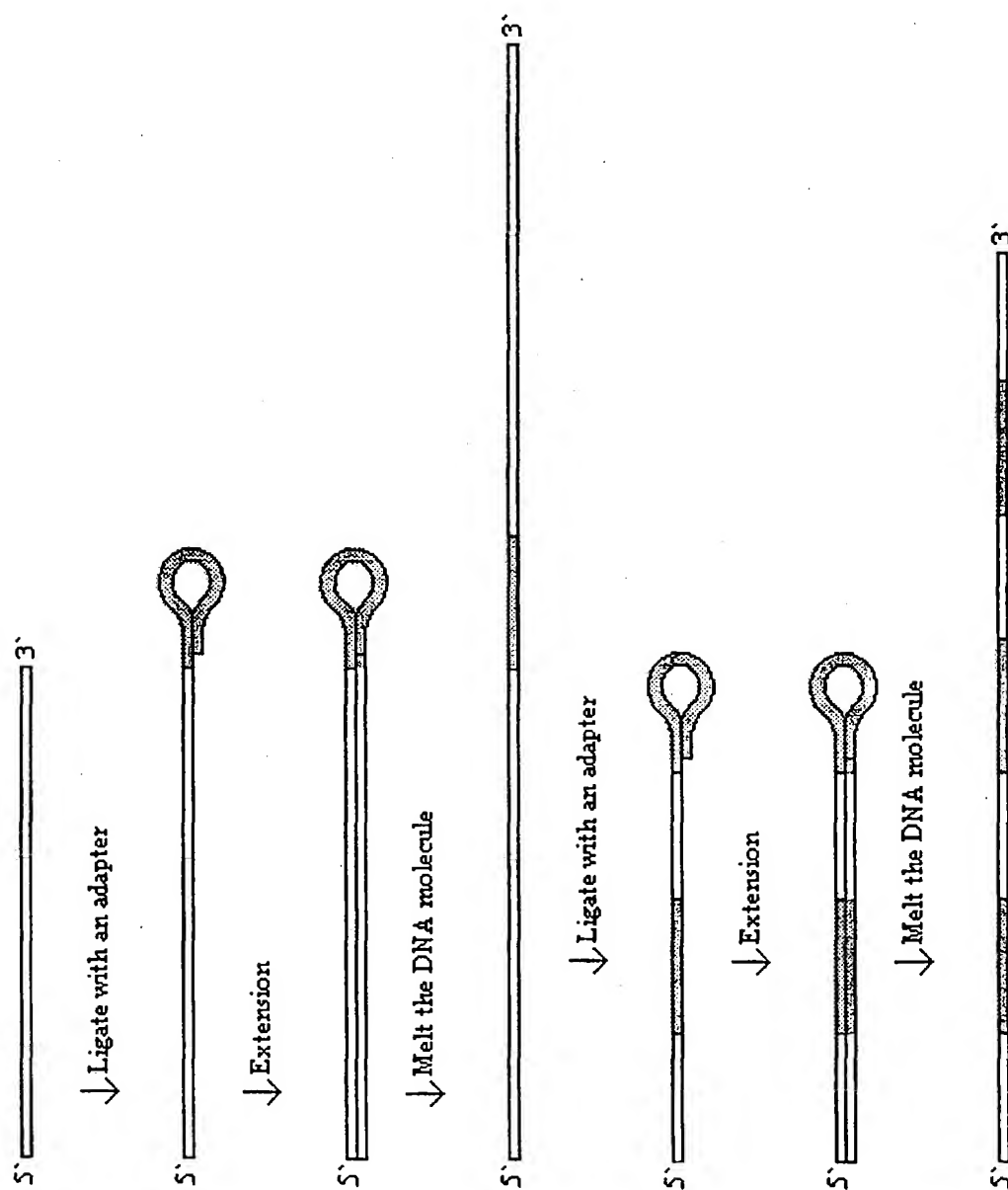


FIG. 11

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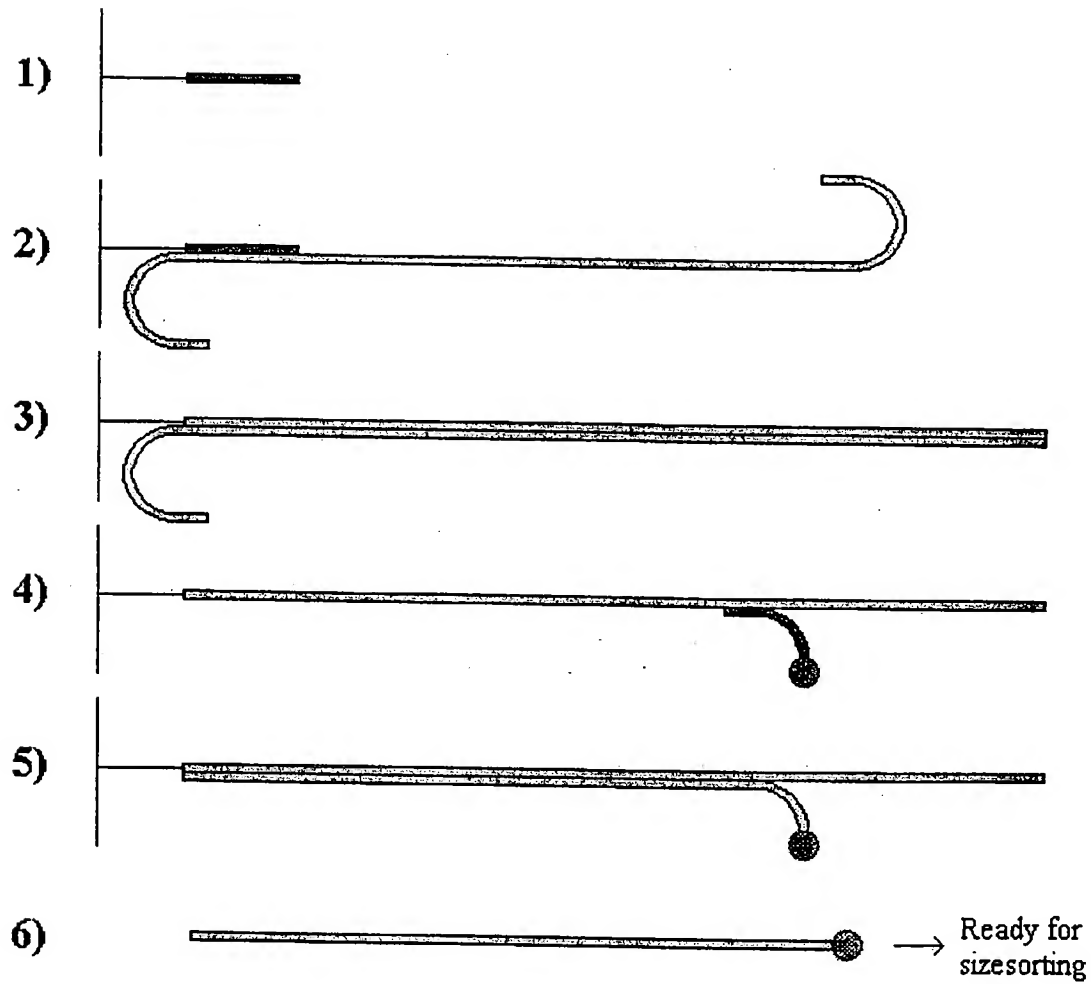
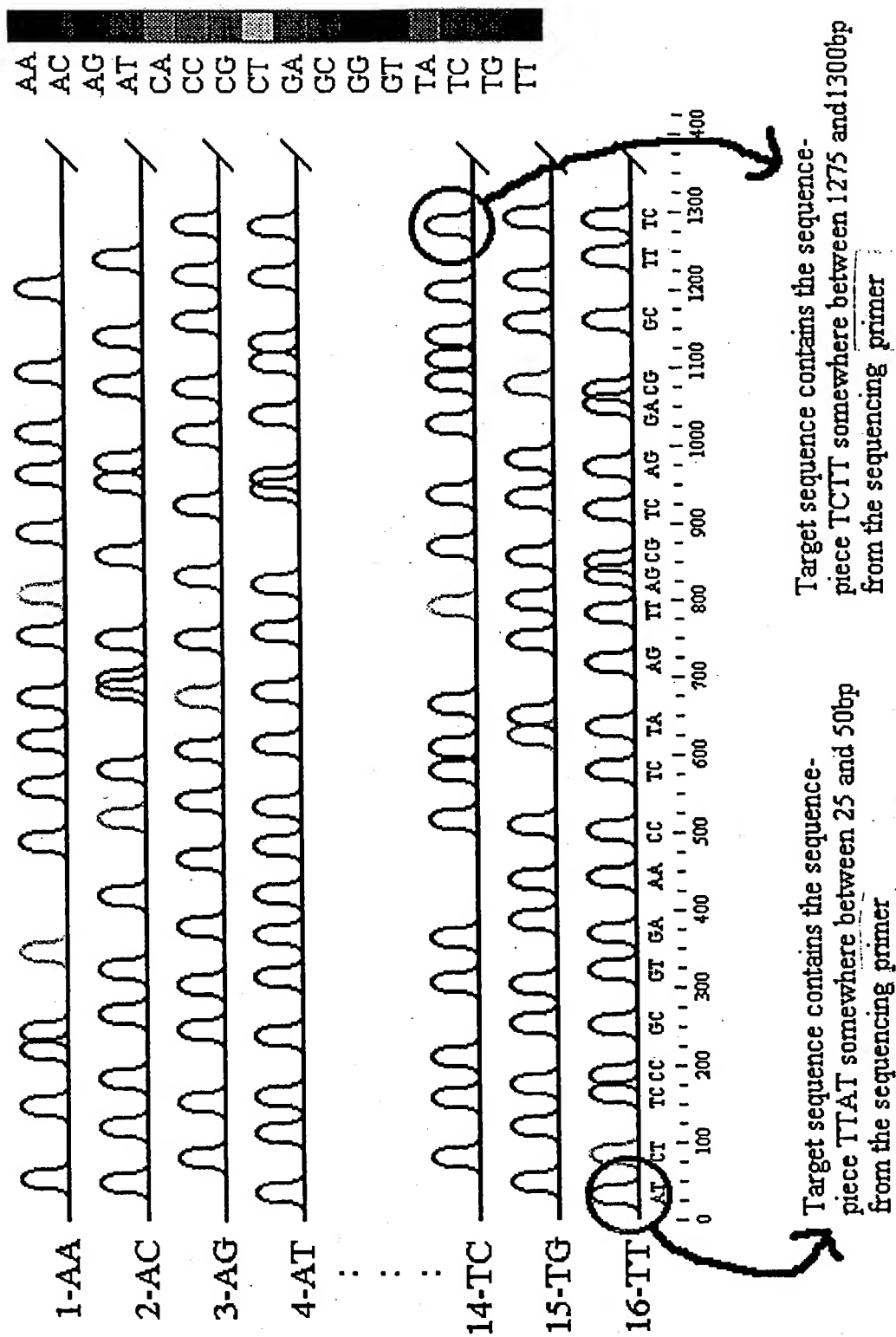


FIG. 12A



FIG. 12B

FIG. 12C



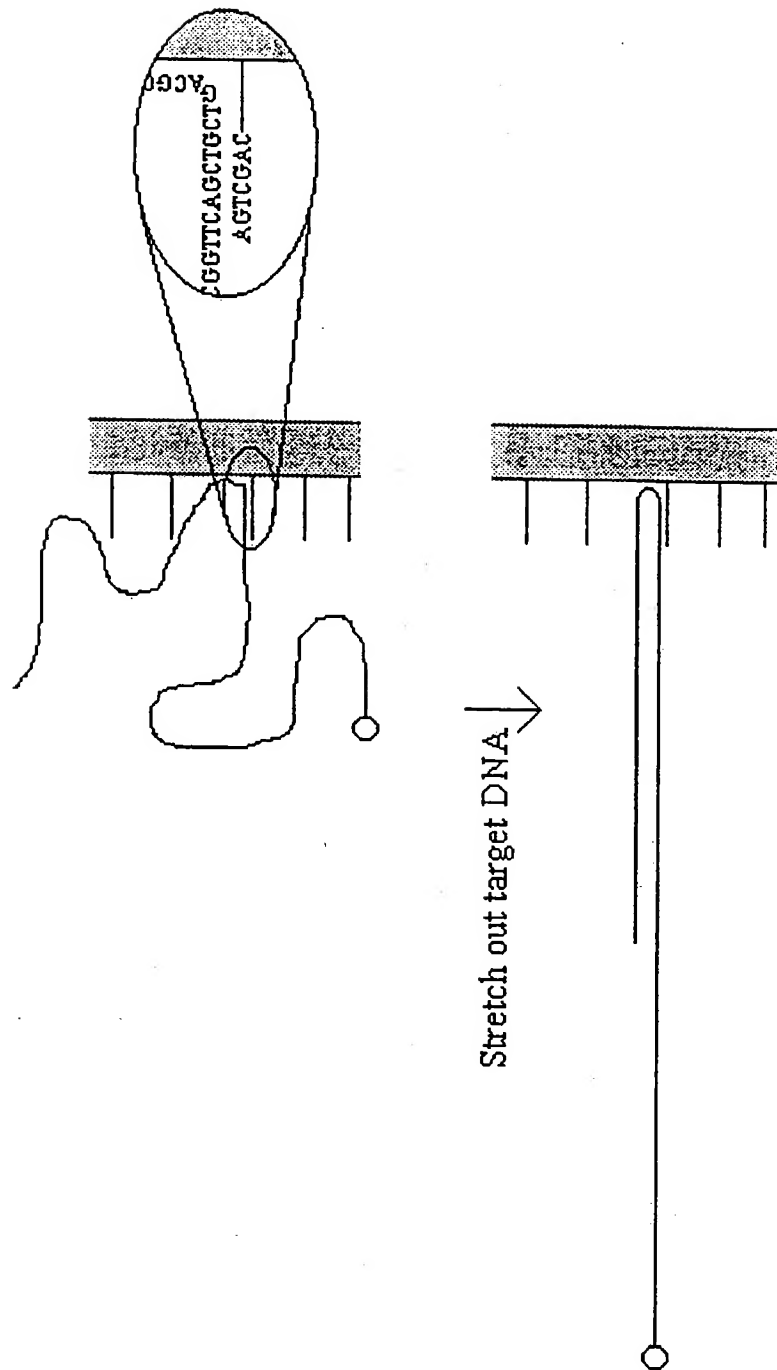


FIG. 13A

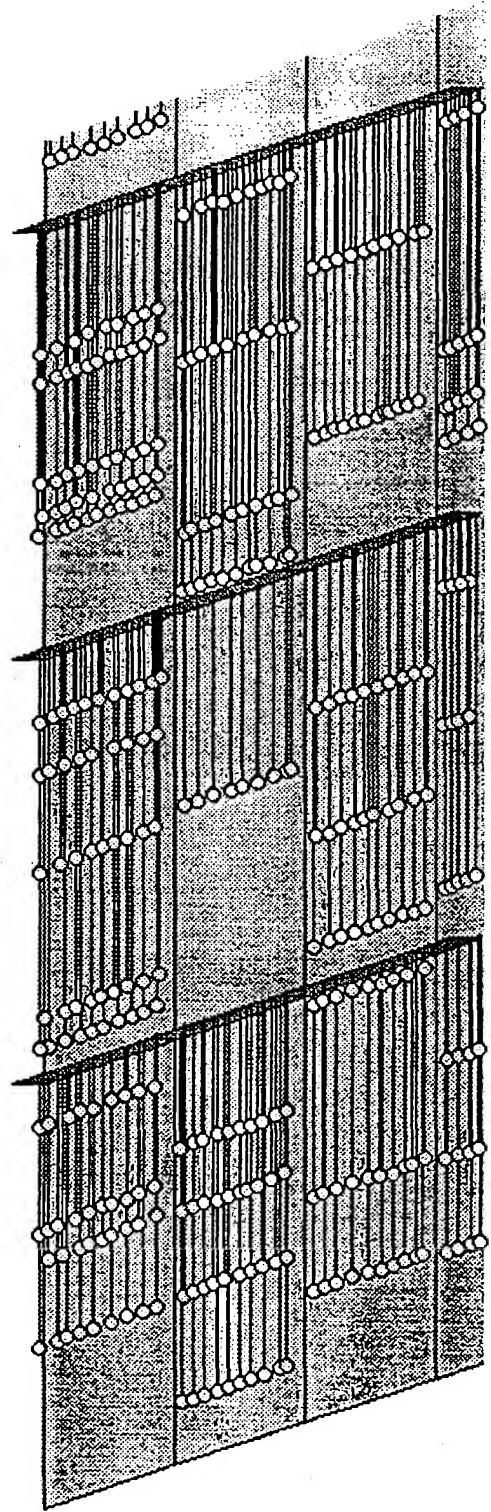


FIG. 13B

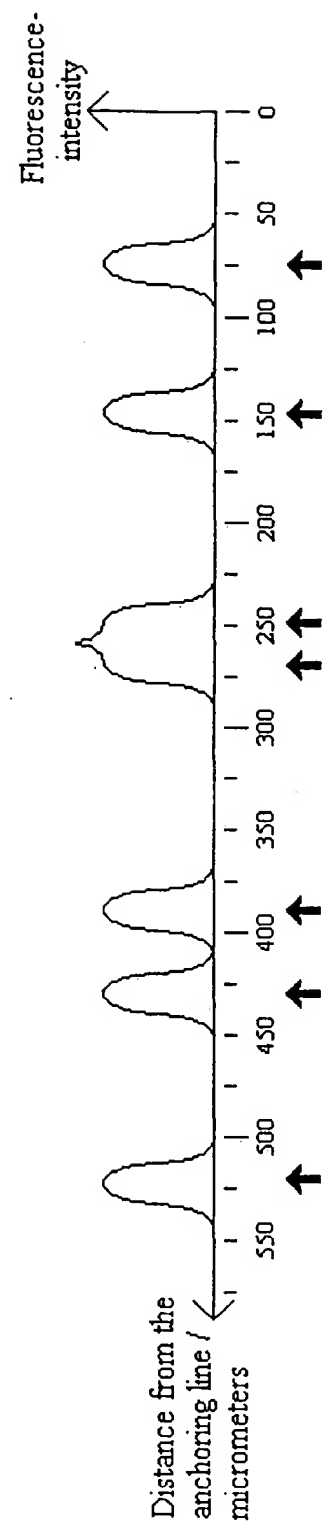


FIG. 13C

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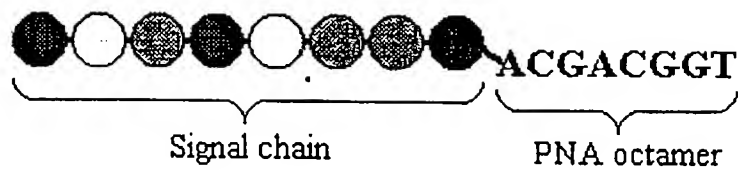


FIG. 14A

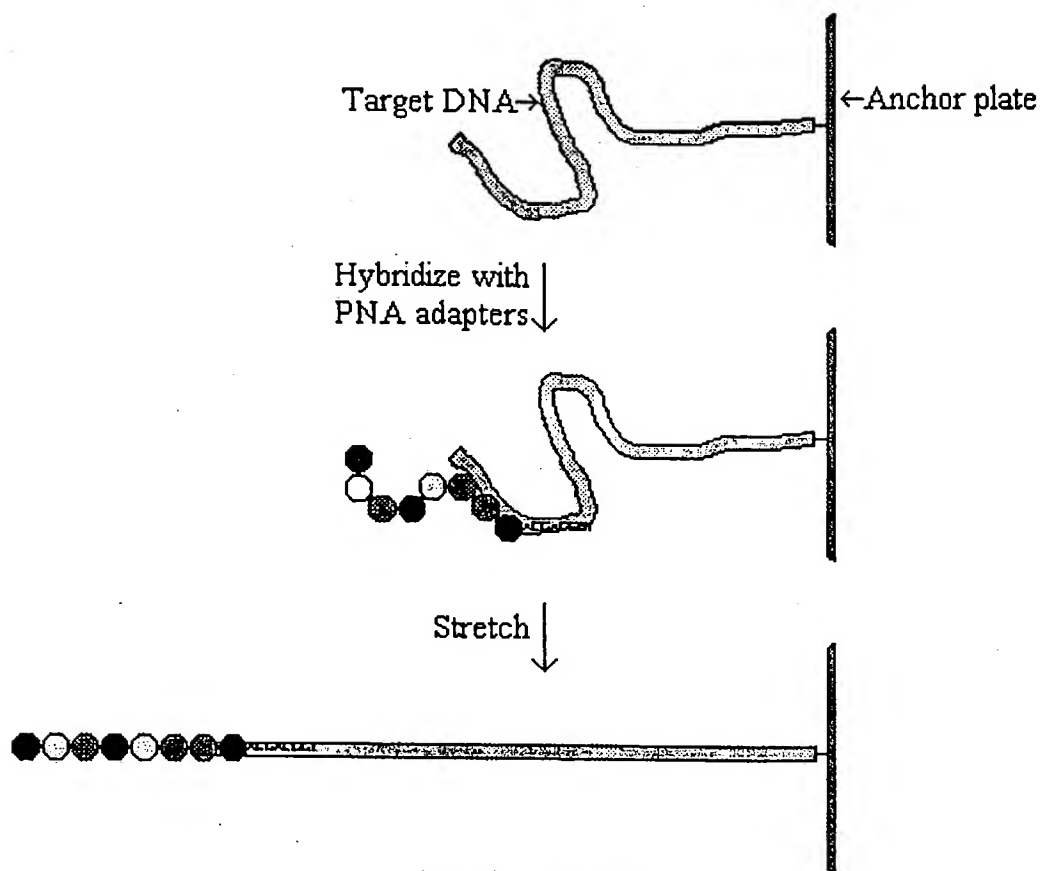


FIG. 14B

Anchor
plate →

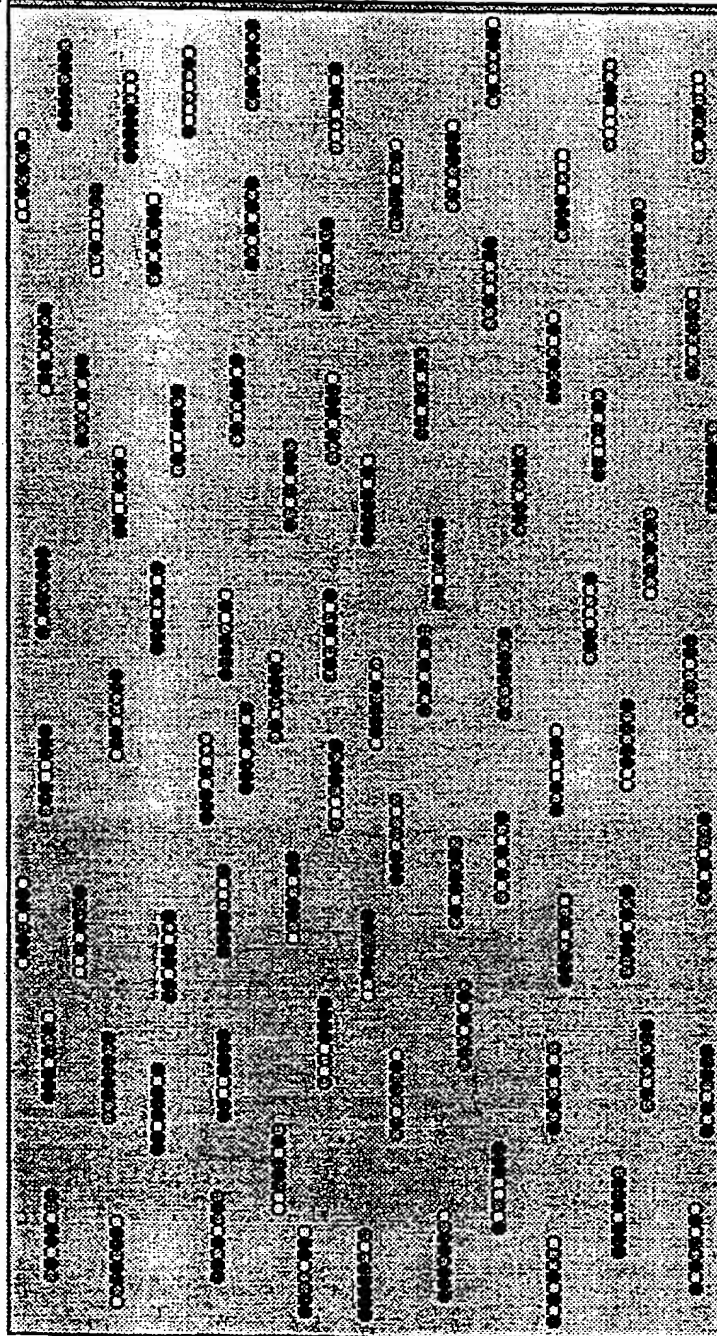


FIG. 14C

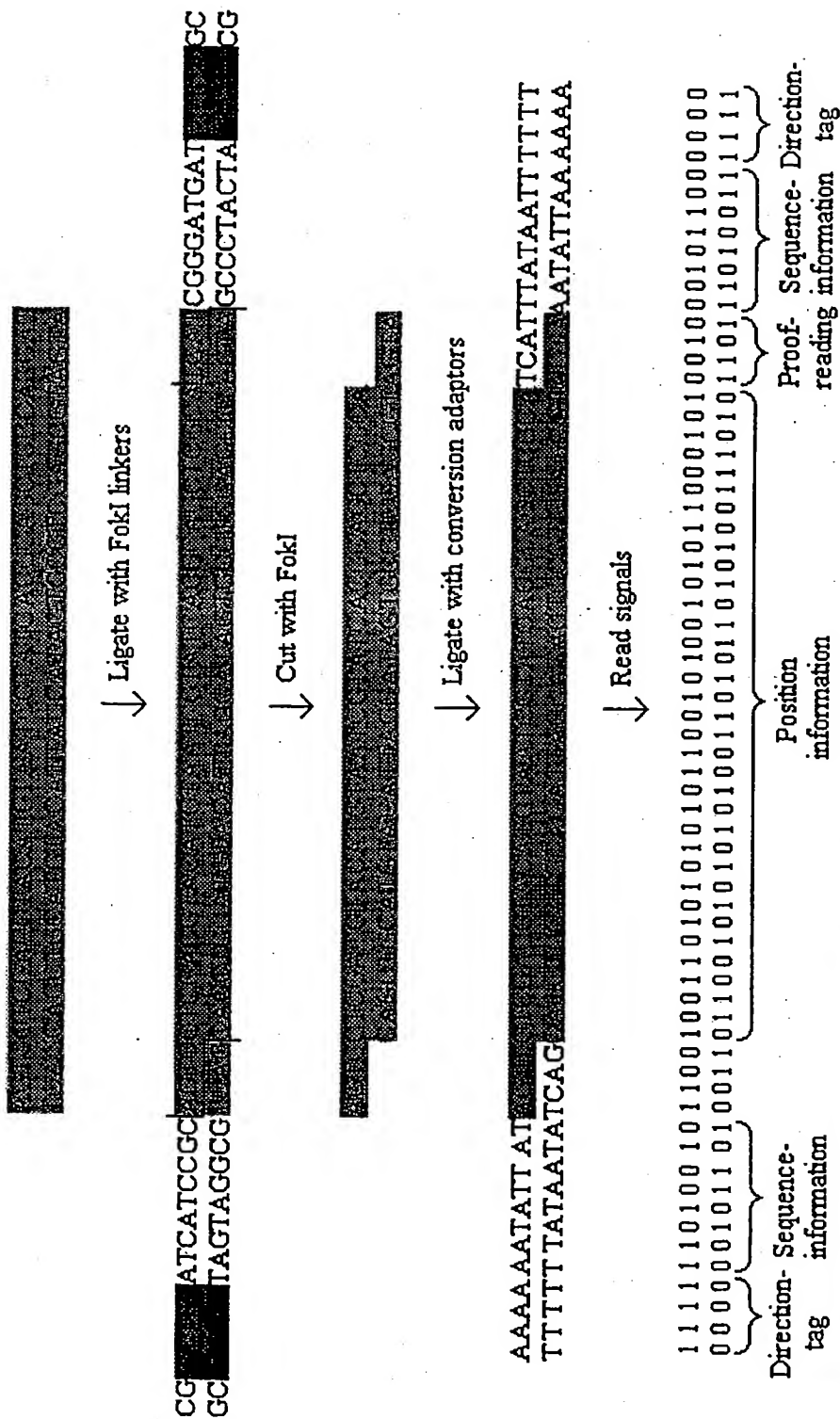


FIG. 15

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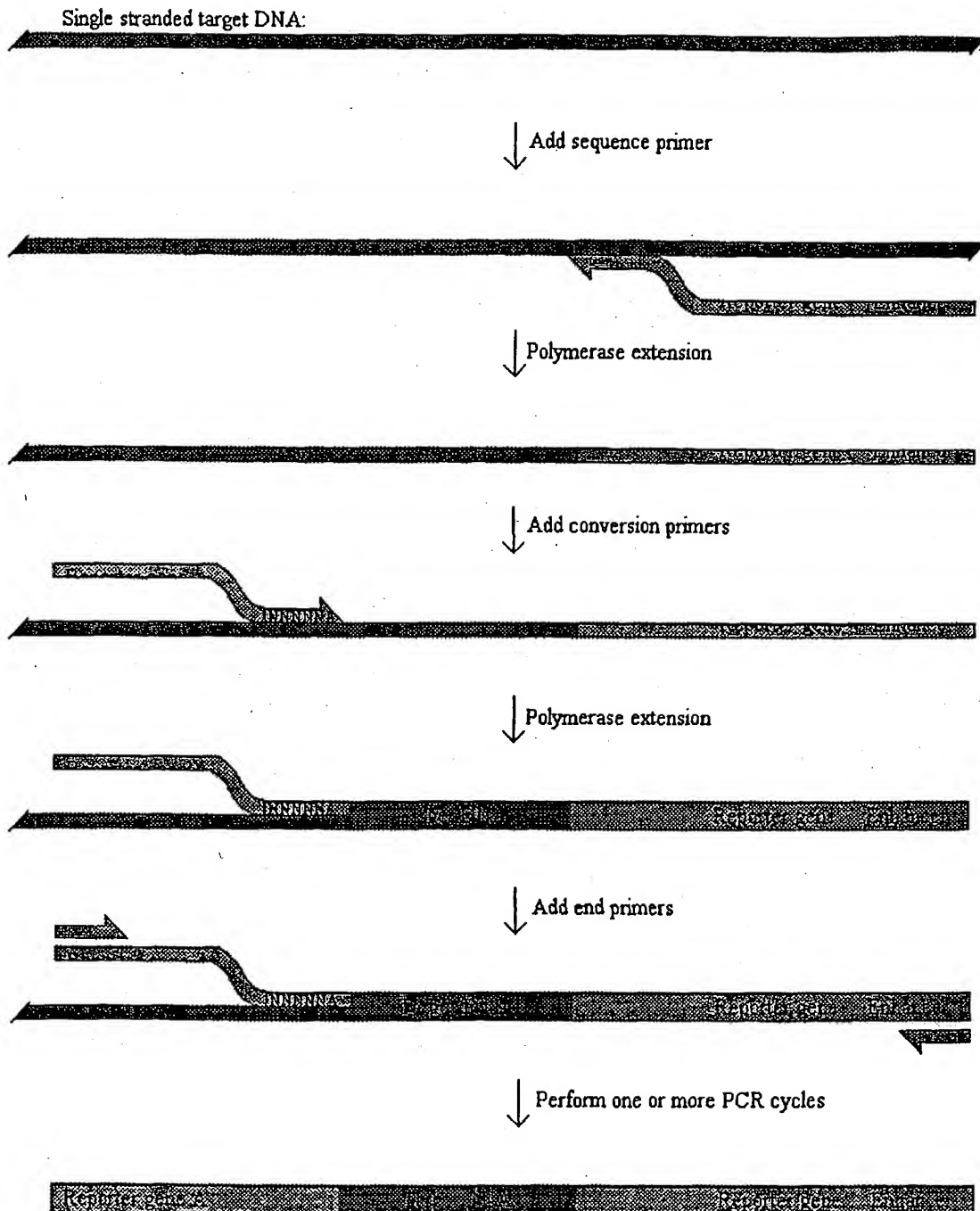


FIG. 16A

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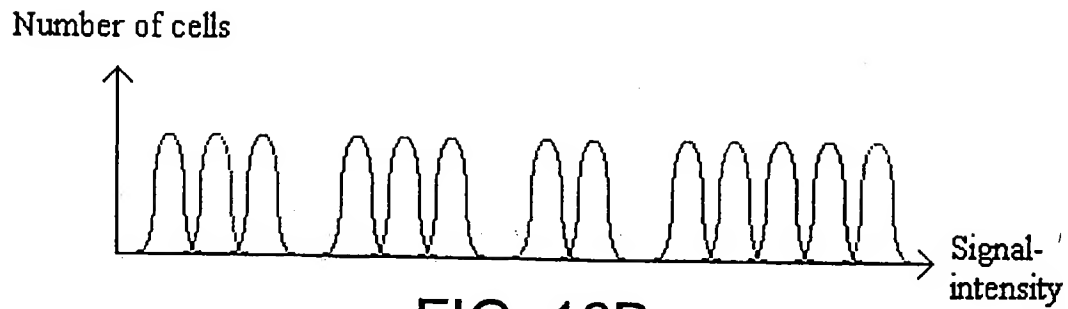


FIG. 16B

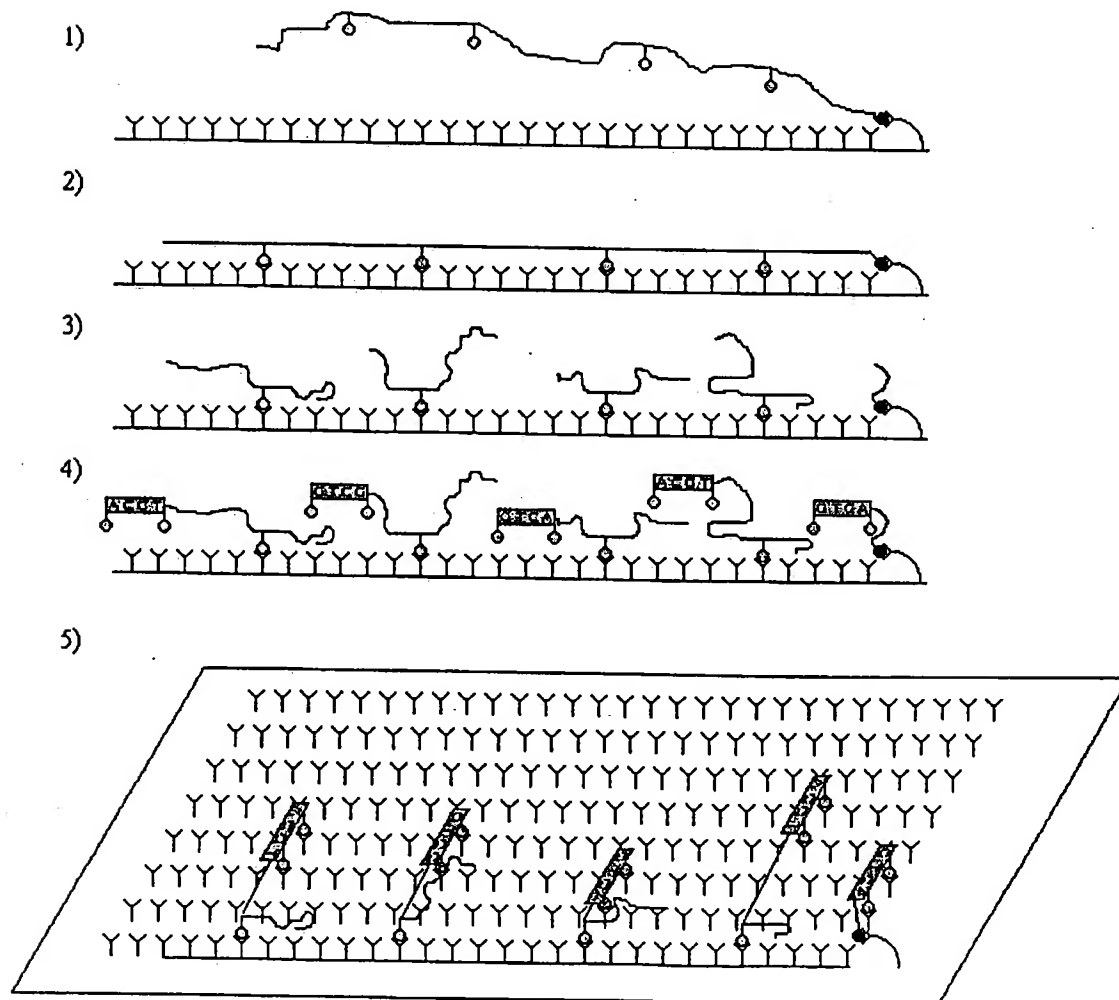


FIG. 18

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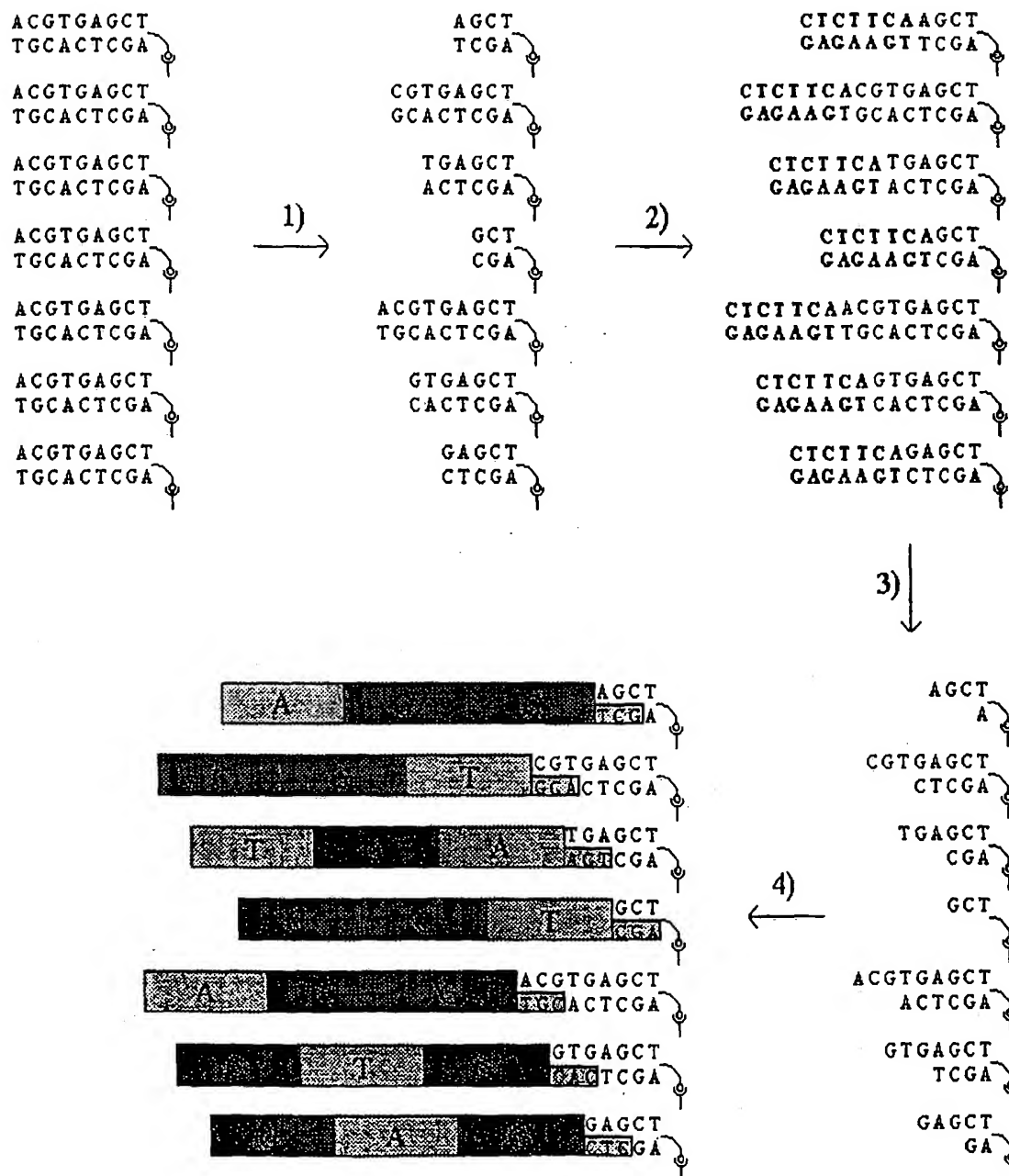


FIG. 17

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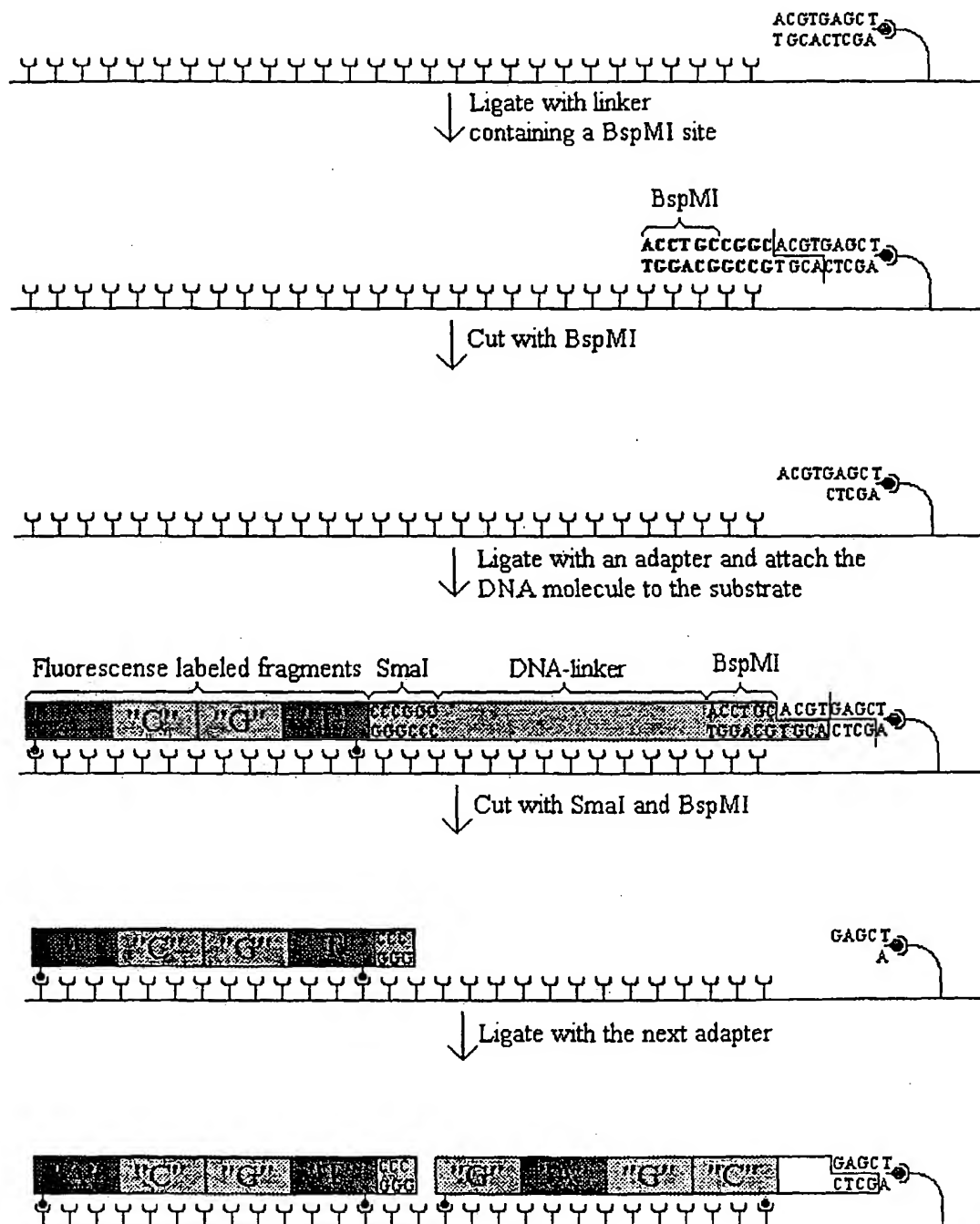


FIG. 19

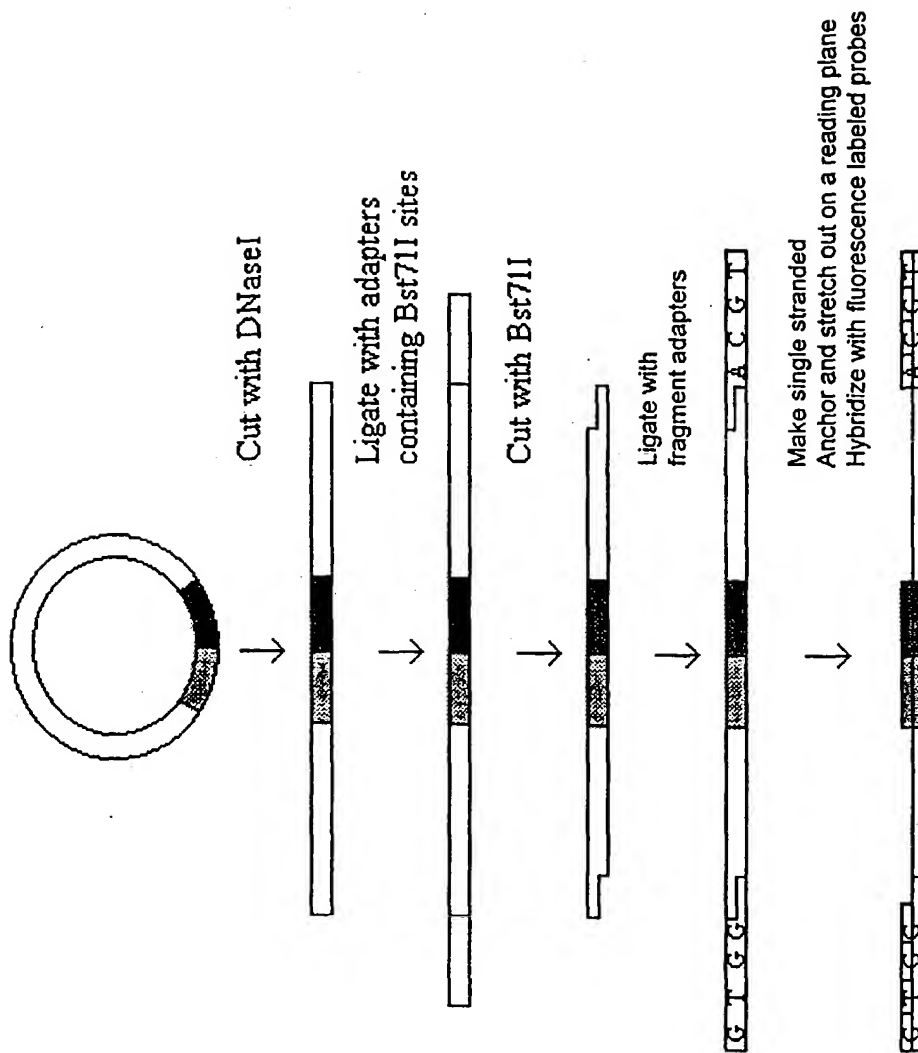


FIG. 20

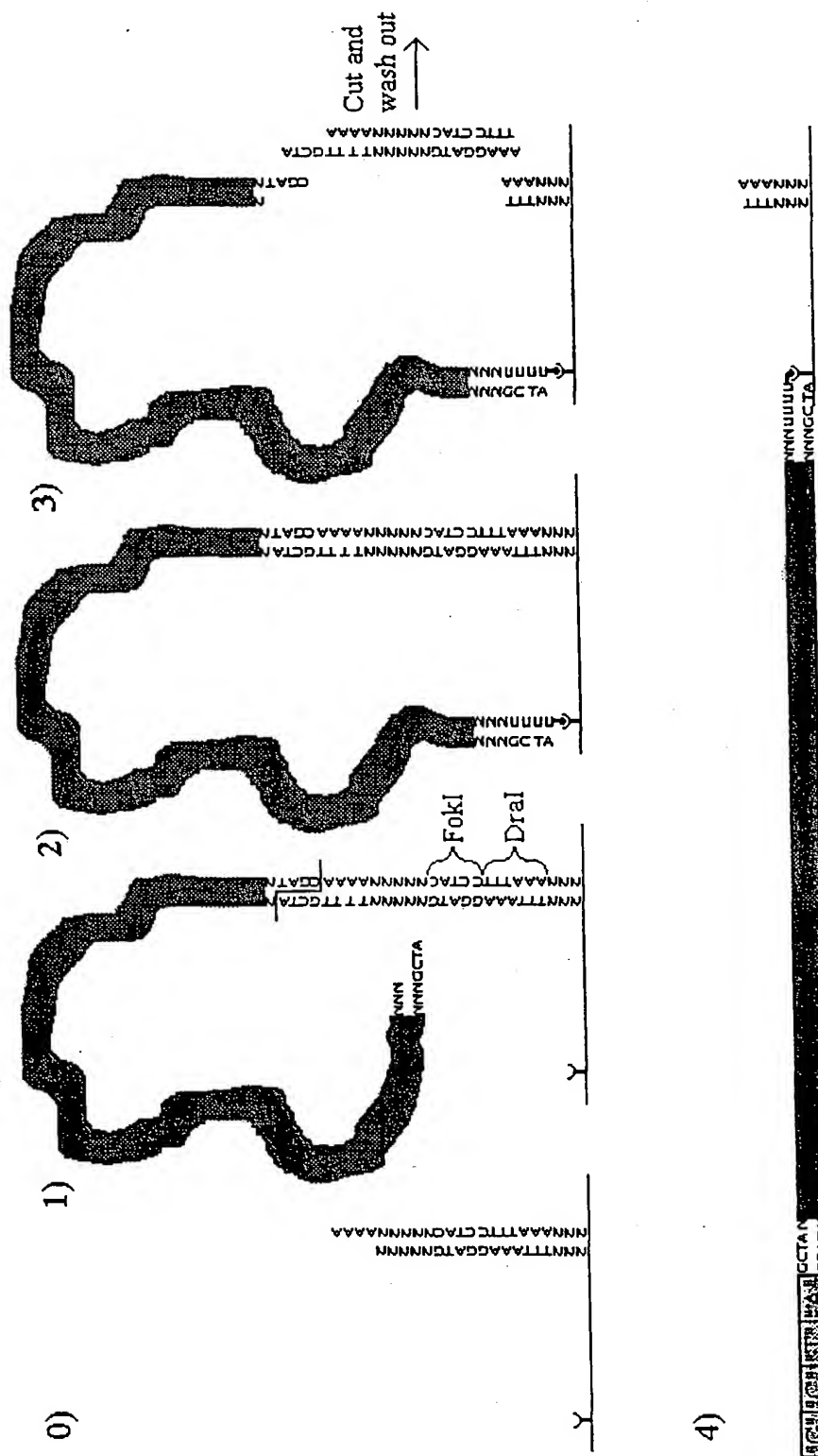


FIG. 21

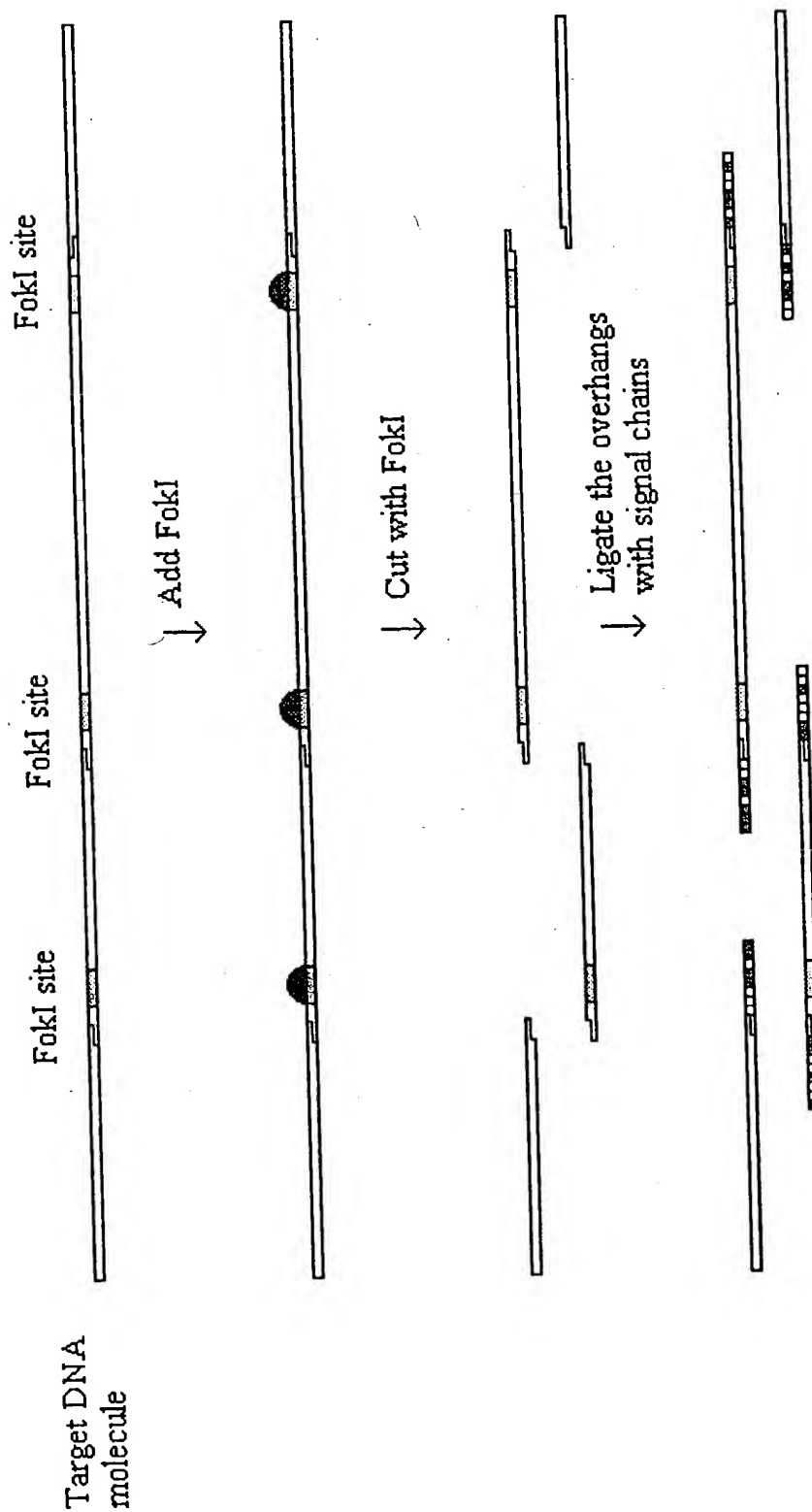


FIG. 22

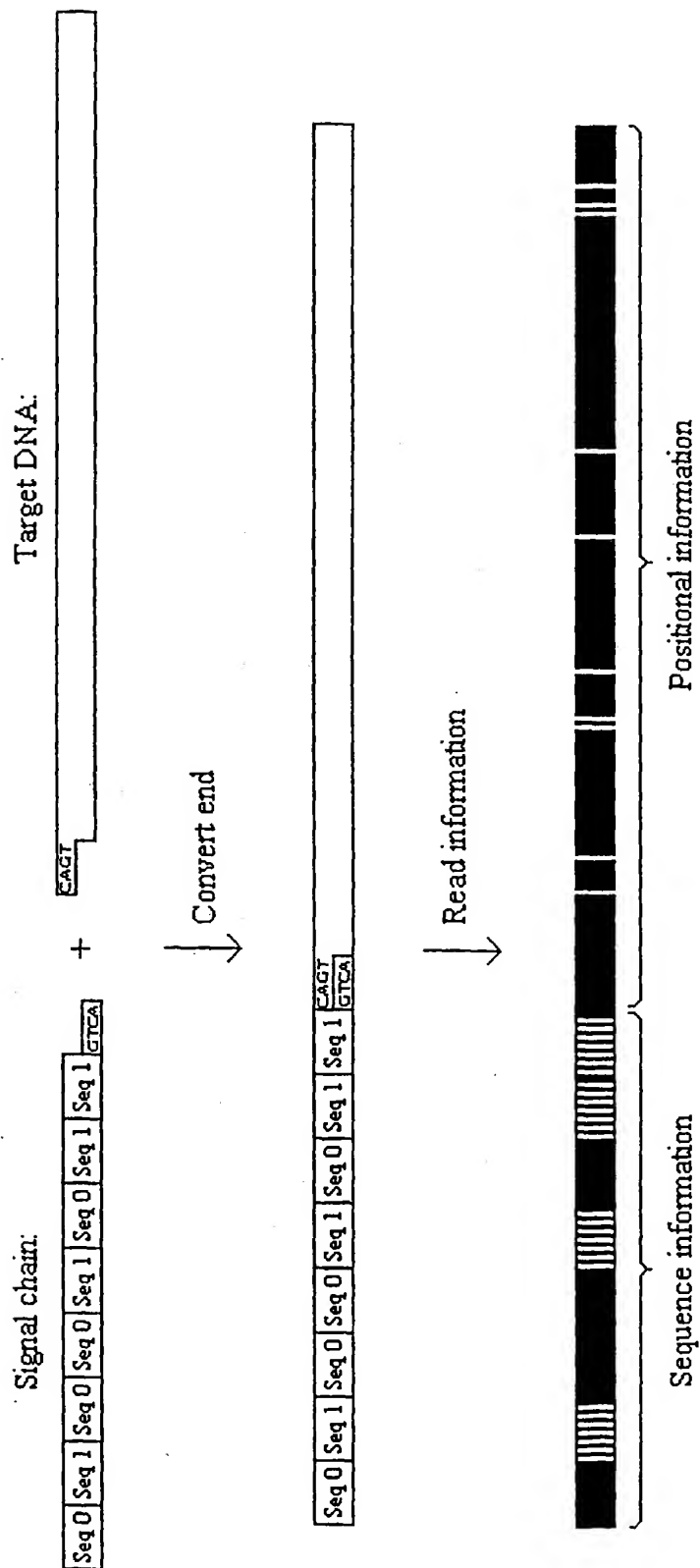
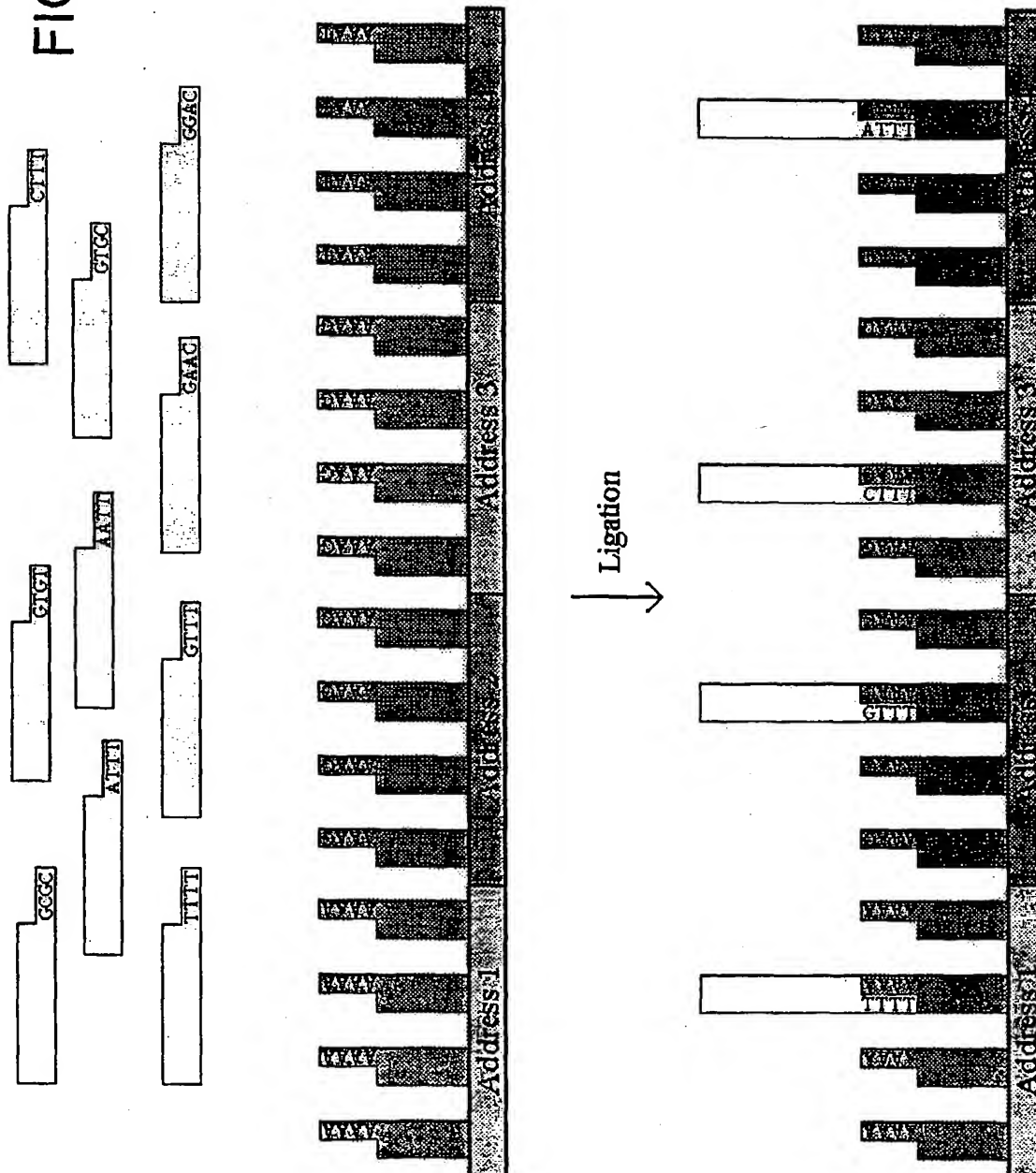


FIG. 23

FIG. 24



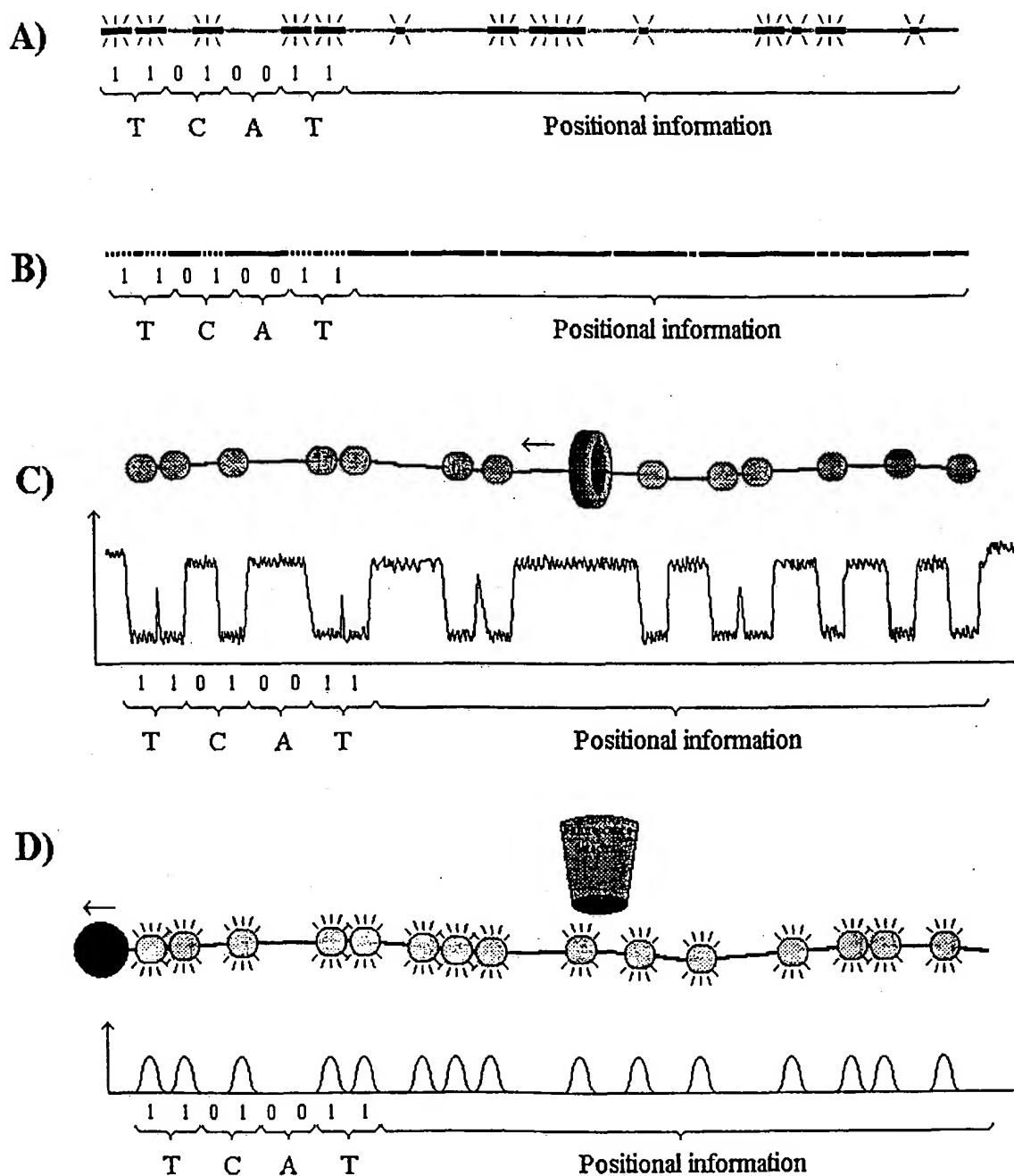


FIG. 25